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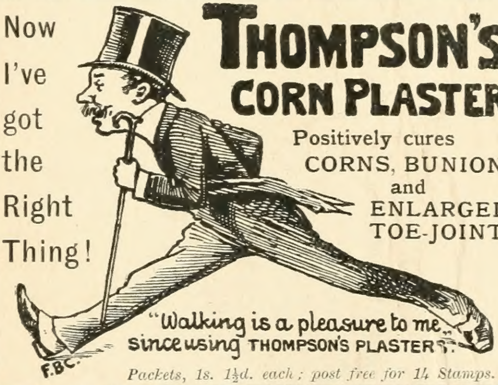

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20	S	
21	𝔖	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	𝔖	
29	M	
30	Tu	
31	W	

SEPTEMBER 1898.

1	Th	Names of Candidates for Bursaries in the gift of the Merchants' House, for Hutchesons' Educational Trust Bursaries, for Glasgow City Educational Endowments Bursaries, for Highland Society Bursaries, for James Laing Bursaries, for Marshall Bursaries, for William Whyte Bursary, and for Hannay Bursary to be given in as directed at p. 334. Names of Candidates for Ferguson Scholarships to be given in before this day.
2	F	
3	S	
4	𝔖	
5	M	
6	Tu	
7	W	
8	Th	
9	F	
10	S	
11	𝔖	
12	M	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, and Names of Competitors for Bursaries, to be given in to Assistant-Clerk (Matriculation Office).
13	Tu	
14	W	
15	Th	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, to be given in to Assistant-Clerk (Matriculation Office).
16	F	
17	S	
18	𝔖	
19	M	
20	Tu	
21	W	Names of Candidates for Degrees in Law and Arts, and for Scholarships, etc., to be given in to Assistant-Clerk (Matriculation Office).
22	Th	
23	F	
24	S	
25	𝔖	
26	M	
27	Tu	
28	W	
29	Th	
30	F	Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 150.) Competition for Bursaries begins.

OCTOBER 1898.

1	S	Last day for Professors sending in Names of Assistants to the Secretary of the University Court. Theses for M.D. given in. Names of Candidates for Examination for M.D. (New Regulations) to be given in. Degree Examination—Astronomy, Geology.	
2	𝔖		
3	M	Degree Examinations—Zoology, Botany, Chemistry, Engineering Laboratory, Philosophy of Law, Private International Law.	Competition for the Rainy and Lorimer Medical Bursaries.
4	Tu	Degree Examinations—Education, French, Scots Law, Public Law, Physics, Anatomy, Physiology, Materia Medica and Therapeutics, Engineering Drawing, Naval Architecture, Ship Drawing.	
5	W	Degree Examinations—Civil (Roman) Law, Constitutional Law, German, Political Economy, Civil Engineering, Medical Jurisprudence and Public Health, Pathology.	
6	Th	Degree Examinations—History, French, Civil Engineering, Conveyancing, Medical Jurisprudence. Meeting of University Court. Appointment of University Assistants, and of Preliminary Examiners and Members of Joint Board for next year. Appointment of Committees and of Representatives at Charitable and other Boards.	
7	F	Degree Examinations in Mathematics, etc. (See pp. 179, 192.)	
8	S	Examination for Arnott Prizes at 2 P.M.	
9	𝔖		
10	M		
11	Tu		
12	W		
13	Th	Meeting of Senate—Election of Senate Members of Library and other Committees. Meeting of Classical Committee of Joint Board.	

OCTOBER 1898.

14	F	Meeting of Joint Board.
15	S	Meeting of Joint Board.
16	S	
17	M	
18	Tu	
19	W	Matriculation begins. Names of Candidates for Degree of B.D. and for Bursaries, etc., in Divinity to be given in to Assistant-Clerk (Matriculation Office).
20	Th	Results of Bursary Competition declared. Classes in Faculties of Arts, Science, Medicine, and Law meet.
21	F	
22	S	
23	S	
24	M	
25	Tu	Examinations for B.D., and for Bursaries in Divinity, 1st day. (See p. 224.)
26	W	Do. do., 2nd day. (Last Wednesday.) Meeting of General Council.
27	Th	Classes in Faculty of Divinity meet.
28	F	
29	S	
30	S	
31	M	Last day for receiving Tradesmen's and other Accounts for preceding half-year. Last day for receiving Professors' Accounts for class-expenses for transmission to University Court. Last day for giving in University Prize Essays.

NOVEMBER 1898.

1	Tu	
2	W	
3	Th	Meeting of Senate. Graduation. Representatives at Charitable and other Boards elected.
4	F	
5	S	
6	𝔖	
7	M	
8	Tu	
9	W	
10	Th	Meeting of University Court.
11	F	Matriculation ends.
12	S	
13	𝔖	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	𝔖	
21	M	

NOVEMBER 1898.

22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	𝔖	
28	M	
29	Tu	
30	W	

DECEMBER 1898.

1	Th	Meeting of Senate. Vacancies in Bursaries ascertained.
2	F	
3	S	
4	𝔖	
5	M	
6	Tu	
7	W	
8	Th	Meeting of the University Court.
9	F	
10	S	Payment of Tradesmen's Accounts.
11	𝔖	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	𝔖	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	𝔖	
26	M	Christmas Holidays commence.
27	Tu	
28	W	
29	Th	
30	F	
31	S	

JANUARY 1899.

1	𝔖	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	𝔖	
9	M	
10	Tu	First day on which the Classes meet after the Christmas Holidays.
11	W	
12	Th	(Second Thursday.) Meeting of University Court.
13	F	Last day for receiving Accounts for transmission to Court.
14	S	Applications for Higher Degrees in Arts and Science (D.Litt., D.Phil., and D.Sc.) to be sent in to Clerk of Senate.
15	𝔖	
16	M	
17	Tu	
18	W	
19	Th	Meeting of Senate. Intimation from the several Faculties of the Election of Deans. Appointment of Boards of Studies. Vacant Bursaries filled up.
20	F	
21	S	
22	𝔖	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	𝔖	
30	M	Holiday (Monday after last Friday).
31	Tu	Holiday (for Candlemas).

FEBRUARY 1899.

1	W	Theses for M.D. sent in.
2	Th	Meeting of Senate. Reports of Committees on Honorary Degrees.
3	F	
4	S	
5	𝔖	
6	M	
7	Tu	
8	W	
9	Th	(Second Thursday.) Meeting of University Court. Arrangements for Summer Session.
10	F	
11	S	
12	𝔖	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	𝔖	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	𝔖	
27	M	Holiday (Monday after last Friday).
28	Tu	

MARCH 1899.

1	W	
2	Th	Meeting of Senate. Schemes of Courses in Arts, Science, and Medicine to be sent by Professors and Lecturers to Conveners of Boards of Studies.
3	F	Reports on Prize Essays.
4	S	
5	𝕾	
6	M	
7	Tu	Names of Candidates for Degrees in Arts and Law to be given in to Assistant-Clerk (Matriculation Office).
8	W	
9	Th	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, given in to Assistant-Clerk (Matriculation Office). Meeting of University Court.
10	F	
11	S	
12	𝕾	
13	M	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, to be given in to Assistant-Clerk (Matriculation Office).
14	Tu	
15	W	
16	Th	Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed. Appointment to International Exhibition Scholarship.
17	F	
18	S	
19	𝕾	
20	M	
21	Tu	
22	W	
23	Th	
24	F	Winter Classes in Faculty of Medicine, Law, and Theology close. Names of Candidates for Degree of B.D. given in to Assistant-Clerk (Matriculation Office).
25	S	Degree Examinations—Astronomy, Geology.
26	𝕾	
27	M	Do. do. Zoology, Botany, Chemistry, Engineering Laboratory, Philosophy of Law, Private International Law.
28	Tu	Do. do. Drawing, Physics, Physiology, Anatomy, Materia Medica and Therapeutics, Naval Architecture, Ship Design, Scots Law, Public Law.
29	W	Do. do. Pathology, Medical Jurisprudence and Public Health, Constitutional Law, Civil (Roman) Law, Civil Engineering, Political Economy.
30	Th	Meeting of Senate. Degree Examinations—Education, Hebrew (Arts), Civil Engineering, Divinity, Textual Criticism, Conveyancing, Medical Jurisprudence.
31	F	Do. do. Church History, Hermeneutics, Mercantile Law, History. Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 159.) Last day for receiving Professors' Accounts of Class Expenses, Tradesmen's, Forty-five shilling, and other Accounts for transmission to Court.

APRIL 1899.

1	S	Degree Examinations in remaining Arts Subjects and Snell Exhibition begin. (See p. 179.)
2	𝔖	
3	M	
4	Tu	
5	W	(First Wednesday.) Meeting of General Council.
6	Th	Meeting of Senate. Last day for returning Books to Library.
7	F	
8	S	
9	𝔖	
10	M	
11	Tu	
12	W	
13	Th	Meeting of University Court. Meeting of Classical Committee of Joint Board.
14	F	Meeting of Joint Board.
15	S	Meeting of Joint Board.
16	𝔖	
17	M	
18	Tu	Library re-opened. Graduation in all the Faculties. Honorary Graduation. Distribution of University Prizes.
19	W	Meeting of Senate.
20	Th	

APRIL 1899.

21	F	
22	S	
23	𝔖	
24	M	
25	Tu	Summer Classes in Science, Medicine, and Law open.
26	W	
27	Th	
28	F	
29	S	
30	𝔖	

MAY 1899.

1	M	
2	Tu	Summer Classes in Arts open.
3	W	
4	Th	Meeting of University Court.
5	F	
6	S	
7	𝔖	
8	M	
9	Tu	Names of Candidates for Final Professional Examination in Medicine to be given in to Assistant-Clerk (Matriculation Office).
10	W	Payment of Tradesmen's and other Accounts. Meeting of Faculty of Medicine.
11	Th	
12	F	
13	S	
14	𝔖	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	𝔖	
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	𝔖	
29	M	Degree Examinations—Practice of Medicine, Surgery.
30	Tu	Do. do. —Midwifery, Clinical Examinations begin.
31	W	

JUNE 1899.

1	Th	Theses for M.D. given in.
2	F	
3	S	
4	𝔖	
5	M	
6	Tu	
7	W	
8	Th	Meeting of University Court. Appointment of Lecturers.
9	F	
10	S	
11	𝔖	
12	M	
13	Tu	
14	W	
15	Th	
16	F	
17	S	
18	𝔖	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	𝔖	
26	M	
27	Tu	
28	W	
29	Th	
30	F	

JULY 1899.

1	S	Last day for receiving accounts for transmission to Court.
2	𝔖	
3	M	
4	Tu	
5	W	
6	Th	
7	F	
8	S	
9	𝔖	
10	M	
11	Tu	
12	W	
13	Th	Meeting of University Court.
14	F	
15	S	
16	𝔖	
17	M	
18	Tu	
19	W	
20	Th	Meeting of Senate. Graduation in Medicine.
21	F	
22	S	
23	𝔖	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	𝔖	
31	M	

UNIVERSITY OFFICERS.

	Elected.	Electors.
Chancellor—THE RIGHT HON. THE EARL OF STAIR, K.T., LL.D., - - - -	1884	General Council
Vice-Chancellor—JOHN CAIRD, D.D., LL.D., F.R.S.E., - - - - - -	1873	Chancellor.
Rector—THE RIGHT HON. JOSEPH CHAMBERLAIN, M.P., LL.D., - - - -	1896	Matriculated Students.
Principal—[1]JOHN CAIRD, D.D., LL.D., F.R.S.E.,	1873	Crown.
Dean of Faculties—W. P. DICKSON, D.D., LL.D., - - - - - - -	1896	Senate.
Parliamentary Representative—JAMES A. CAMPBELL, LL.D., - - - - -	1880	General Council

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University Court.

THE RECTOR, *ex officio.* | THE PRINCIPAL, *ex officio.*

THE LORD PROVOST OF GLASGOW, *ex officio.*

	Elected.	Electors.
SIR JAMES KING, BART., LL.D., -	1887	Chancellor.
DAVID MURRAY, LL.D., - -	1896	Rector.
JAMES COLQUHOUN, LL.D., -	1890	Lord Provost, Magistrates, and Town Council of Glasgow.
REV. J. W. KING, D.D., -	1895	General Council.
D. C. M'VAIL, M.B., - -	1895	
HECTOR C. CAMERON, M.D., -	1897	
SIR JOHN N. CUTHBERTSON, LL.D.,	1897	
PROFESSOR JACK, LL.D., - -	1894	Senate.
SIR W. T. GAIRDNER, K.C.B., M.D., LL.D., - - -	1895	
SHERIFF BERRY, LL.D., - -	1896	
PROFESSOR STEWART, D.D., -	1897	

Senatus Academicus.[2]

PRESIDENT, - - - THE PRINCIPAL, - - - - - 1873

PROFESSORS.

	CHAIRS.	Appointed
William Hastie, D.D., - - - -	*Divinity*, - - -	1895
Lord Kelvin, G.C.V.O., F.R.S., - -	*Natural Philosophy*,	1846

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[1] The Principal's resignation to take effect on 31st July, 1898, was accepted by the University Court on 9th June.

[2] See note at foot of next page.

PROFESSORS—*Continued.*	CHAIRS.	Appointed
Sir William T. Gairdner, K.C.B., M.D., LL.D., F.R.S.,	*Practice of Medicine,*	1862
George G. Ramsay, LL.D.,	*Humanity,*	1863
John Young, M.D.,	*Natural History,*	1866
William Stewart, D.D.,	*Biblical Criticism,*	1873
George Buchanan, M.A., M.D., LL.D.,	*Clinical Surgery,*	1874
T. M'Call Anderson, M.D.,	*Clinical Medicine,*	1874
John Ferguson, M.A., LL.D., F.S.A.,	*Chemistry,*	1874
John Gray M'Kendrick, M.D., LL.D., F.R.S.,	*Physiology,*	1876
James Robertson, D.D.,	*Hebrew and Semitic Languages,*	1877
John Cleland, M.D., LL.D., D.Sc., F.R.S.,	*Anatomy,*	1877
William Jack, LL.D.,	*Mathematics,*	1879
Frederick O. Bower, Sc.D., F.R.S.,	*Botany,*	1885
Robert Herbert Story, D.D., LL.D.,	*Church History,*	1886
Alexander Moody Stuart, LL.D.,	*Law,*	1887
Andrew Cecil Bradley, M.A.,	*English Language and Literature,*	1889
George G. A. Murray, M.A.,	*Greek,*	1889
Archibald Barr, D.Sc.,	*Civil Engineering and Mechanics,*	1889
James Moir,	*Conveyancing,*	1889
John Harvard Biles,	*Naval Architecture, including Marine Engineering,*	1891
William Macewen, M.D., LL.D., F.R.S.,	*Surgery,*	1892
Ludwig Becker, Ph.D.,	*Astronomy,*	1893
Murdoch Cameron, M.D.,	*Midwifery,*	1894
Joseph Coats, M.D.,	*Pathology,*	1894
Henry Jones, LL.D.,	*Moral Philosophy,*	1894
Richard Lodge, M.A.,	*History,*	1894
Robert Adamson, LL.D.,	*Logic and Rhetoric,*	1895
William Smart, D.Phil., LL.D.,	*Political Economy,*	1896
Ralph Stockman, M.D.,	*Materia Medica,*	1897
John Glaister, M.D.,	*Forensic Medicine,*	1898

Note.—"The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices."—*Statute of Royal Visitation, 1727.*

Deans of the several Faculties.

Arts,	Professor Jack.
Science,	Professor Barr.
Medicine,	Prof. Sir William T. Gairdner.
Law,	Professor Moody Stuart.
Theology,	Professor Stewart.

Lecturers.

John Young, M.D.,	*Honyman Gillespie Lecturer.*
Thomas Reid, M.D., LL.D.,	*Waltonian Lecturer.*
David Yellowlees, M.D., LL.D.,	*Insanity.*
Magnus Maclean, M.A., D.Sc., F.R.S.E.,	*Physics.*
Thomas Barr, M.D.,	*Diseases of the Ear.*
J. Walker Downie, M.B.,	*Diseases of the Throat and Nose.*
James F. Gemmill, M.A., M.B.,	*Embryology.*
Wm. Galbraith Miller, LL.B.,	*Public International Law; International Private Law; and General Jurisprudence.*
Wm. S. M'Kechnie, LL.B., D.Phil.,	*Constitutional Law and History.*
James M. Irvine, B.Sc., LL.B.,	*Civil Law.*
James Mackenzie,	*Mercantile Law.*
David Ross, M.A., B.Sc., LL.D.,	*Education.*
Alfred Mercier, L.-ès-L.	*French Language and Literature.*
Alexander Tille, Ph.D.,	*German Language and Literature.*
Michael Foster, M.D., LL.D.,	*Natural Theology* (Gifford Foundation).
* A. A. Jack, M.A., LL.M.,	*English Language and Literature.*
* Norman D. Smith, M.A.,	*Logic.*
* Robert A. Duff, M.A.,	*Moral Philosophy.*
* James Blyth, M.A., F.R.S.E.,	*Natural Philosophy.*
* Thomas Gray, B.Sc.,	*Chemistry.*
* Thomas H. Bryce, M.A., M.B.,	*Anatomy.*

* Lecturers at Queen Margaret College.

*Charles Workman, M.D.,	*Pathology.*
*J. H. Pringle, F.R.C.S.,	*Surgery.*
*J. W. Anderson, M.D.,	*Practice of Medicine.*
*A. M. Ramsay, M.D.,	*Diseases of the Eye.*
W. R. Lang, B.Sc.,	*Organic Chemistry.*
Magnus Maclean, D.Sc.,	*Electricity—Pure & Applied.*
J. D. Cormack, B.Sc.,	*Electrical Engineering.*
John Brown, M.A.,	*Humanity.*
George Macdonald, M.A.,	*Greek.*
W. H. Balgarnie, B.A.,	
Horatio S. Carslaw, M.A.,	*Mathematics.*
William A. Lindsay, M.A.,	

Boards of Studies.

In Arts. *Language and Literature.*—The Principal, the Dean of the Faculty of Arts, Professors Ramsay, Robertson, Bradley, and Murray, Dr. Tille, Messrs. George Macdonald, John Brown, Alfred Mercier, and A. A. Jack.—Professor Bradley, *Convener.*

Mental Philosophy.—The Principal, the Dean of the Faculty of Arts, Professors Murray, Jones, Adamson, and Smart, Dr. Ross, Messrs. W. G. Miller, R. A. Duff, and Norman D. Smith.—Professor Jones, *Convener.*

Science.—The Principal, the Dean of the Faculty of Arts, Professors Lord Kelvin, Young, Ferguson, Bower, and Becker, Messrs. Blyth and Gray.—Professor Jack, *Convener.*

History and Law.—The Principal, the Dean of the Faculty of Arts, Professors Bradley and Lodge, Dr. M'Kechnie, Messrs Irvine and W. G. Miller.—Professor Lodge, *Convener.*

English (Language, Literature, and British History).—The Principal, the Dean of the Faculty of Arts, Professors Ramsay, Murray, Bradley, and Lodge, and Dr. Mackechnie.—Professor Bradley, *Convener.*

Economic Science.—The Principal, the Dean of the Faculty of Arts, Professors Jones, Lodge, and Smart, Dr. M'Kechnie, and Messrs. W. G. Miller and Irvine.—Professor Lodge, *Convener.*

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* Lecturers at Queen Margaret College.

In Science. — Professors Lord Kelvin, Young, Ferguson, M'Kendrick, Cleland, Jack, Bower, Barr, Biles, and Becker, Dr. Magnus Maclean, Messrs. W. R. Lang and John D. Cormack.—Professor Barr, *Convener.*

In Medicine.—Professors Sir William T. Gairdner, Young, Buchanan, Anderson, Ferguson, M'Kendrick, Cleland, Bower, Macewen, Cameron, Coats, Stockman, and Glaister, Drs. Maclean, Reid, Yellowlees, Thomas Barr, Downie, Workman, J. W. Anderson, A. M. Ramsay, Bryce, Pringle, Messrs. Blyth and Gray—the Dean of the Faculty of Medicine, *Convener.*

University Assistants or Demonstrators.[*]

English Language and Literature,	David H. Crawford, M.A. Daniel Rankin, B.A.
Humanity,	John Brown, M.A. Daniel Rankin, B.A.
Greek,	George Macdonald, M.A. W. H. Balgarnie, B.A.
Hebrew and Semitic Languages,	Thomas H. Weir, B.D.
Natural Philosophy,	Magnus Maclean, M.A., D.Sc., F.R.S.E. Alexander Galt, D.Sc., F.R.S.E.
Arnott and Thomson Demonstrator in *Experimental Physics,*	James Thomson Bottomley, M.A., D.Sc., F.R.S.
Mathematics,	Horatio S. Carslaw, M.A. William A. Lindsay, M.A.
Civil Engineering and Mechanics,	Harry Bamford, M.Sc. John D. Cormack, B.Sc.
Logic,	Norman D. Smith, M.A.
Moral Philosophy,	Robert A. Duff, M.A.
Naval Architecture,	Herbert C. Sadler, B.Sc.
Practice of Medicine,	James Carslaw, M.A., M.B., C.M.
Anatomy,	Alexander Macphail, M.B., C.M. John Morton, M.B., C.M. Archibald N. M'Lellan, M.B., C.M. James F. Gemmill, M.A., M.B., C.M.

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[*] The Assistants and Demonstrators in this list were for 1897-98. Those for 1898-99 fall to be appointed before the beginning of the session.

Surgery,	George Ritchie Thomson, M.B., C.M.
Midwifery,	John M. M. Kerr, M.B., C.M.
Chemistry,	William R. Lang, B.Sc., F.C.S. William C. Anderson, B.Sc., M.A. James Roberts.
Botany,	William H. Lang, B.Sc., M.B., C.M. D. T. Gwynne Vaughan, M.A.
Natural History,	James Rankin, B.Sc., M.B., C.M.
Baxter Demonstrator in *Geology*,	Alex. V. Lothian, M.A., B.Sc.
Materia Medica,	Francis J. Charteris, M.B., Ch.B.
Physiology,	David F. Harris, B.Sc., M.D. (Muirhead Demonstrator). William B. Brodie, M.B., C.M.
Pathology,	Lewis R. Sutherland, M.B., C.M. Alexander R. Ferguson, M.B., C.M. Archibald Young, B.Sc., M.B., C.M.
Forensic Medicine,	John Knight, M.B., C.M.
Clinical Surgery (Dr. Macewen),	Peter Paterson, M.B., C.M.
Clinical Surgery (Dr. Buchanan),	G. Burnside Buchanan, B.A. (Cantab.) M.B., C.M.
Clinical Medicine (Sir W. T. Gairdner),	James Carslaw, M.A., M.B., C.M. Robert B. Ness, M.A., M.B., C.M.
Clinical Medicine (Dr. Anderson),	James Hinshelwood, M.A., M.D. William R. Jack, B.Sc., M.D.

Examiners for Degrees.

In Divinity.—The Professors in the Faculty of Theology, assisted by the Rev. John Maclean, D.D., and the Rev. Henry Bremner, D.D.

In Law.—The Professors and Lecturers in the Faculty of Law, assisted by

William R. Herkless, LL.B.
James A. M'Callum, LL.B.
Frederick G. Mackillop, LL.B.
John A. Todd, B.L.

In Medicine.—The Professors and Lecturers in the Faculty of Medicine, as specified in Section XXIV. of Ordinance No. 14, and the following additional Examiners :—

Henry E. Clark, M.R.C.S.	1895
Thomas D. Savill, M.D.	1895
D. R. Boyd, B.Sc., Ph.D.	1895
Charles D. F. Phillips, M.D.	1895
John H. Fullarton, D.Sc.	1895
Andrew Gray, M.A., LL.D.	1896
Samuel Sloan, M.D.	1896
T. Kennedy Dalziel, M.B.	1896
A. C. Seward, M.A.	1896
William Stirling, M.D.	1897
T. K. Monro, M.A., M.D.	1897
James A. Adams, M.D.	1897
Guthrie Rankin, M.D.	1897
B. C. A. Windle, M.A., M.D., D.Sc.	1898

In Arts.—The Professors and Lecturers in the Faculty of Arts, as specified in Section XIV. of Ordinance No. 13, assisted by

Lawrence Crawford, M.A., B.Sc.,	Examiner in	Mathematics & Nat. Philosophy,	1896
R. Y. Tyrrell, Litt.D., D.C.L.,	,,	Classics, -	1896
William R. B. Gibson, M.A.,	,,	Logic and Moral Philosophy, -	1898
W. M. Dixon, M.A., Litt.D.,	,,	English, -	1898
John A. Todd, B.L.,	,,	Political Economy,	1898
C. R. L. Fletcher, M.A.,	,,	History, -	1898
John G. Kerr, M.A.,	,,	Education, -	1898
F. J. Amours, B.A.,	,,	French, -	1898
John Maclean, D.D.,	,,	Hebrew, -	1898

In Science.—Professor Lord Kelvin, D.C.L., Professor Young, M.D., Professor Ferguson, LL.D., Professor M'Kendrick, M.D., Professor Cleland, M.D., Professor Jack, LL.D., Professor Bower, Sc.D., Professor Barr, D.Sc., Professor Biles, Professor Becker, Ph.D., assisted by additional examiners.

Preliminary Examiners in Arts, Science, and Medicine.—Professor Ramsay, LL.D., Professor Jack, LL.D., †Professor Bradley, M.A., Professor Murray, M.A., Professor Lodge, M.A., John Brown, M.A., †John Edgar, M.A., †Professor George A. Gibson, M.A., John Dougall, M.A., A. M. Williams, M.A., †Alfred Mercier, L.-ès-L., F. J. Amours, B.A., Malcolm G. Ramsay, B.A., Rev. John Maclean, D.D.

† Members of the Joint Board.

Other Officials.

Keeper of Hunterian Library and Museum,	Professor Young, M.D.
Under-Keeper,	John Young, LL.D., F.G.S.
„ *(Pathological Department),*	John H. Teacher, M.A., M.B., C.M.
Curator of Library,	Professor Dickson, D.D., LL.D.
Librarian,	James Lymburn.
Sub-Librarian,	James L. Galbraith.
Secretary to the University Court,	Alan E. Clapperton, B.L., 91 West Regent Street.
Clerk of Senate,	Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.
Assistants to the Clerk of Senate,	W. Innes Addison, Matriculation Office. James Coutts, M.A., Registration Office. Miss Galloway, Secretary at Queen Margaret College.
Registrar of the General Council,	James Coutts, M.A.
Clerk of the General Council,	Archibald Craig, LL.B., 156 St. Vincent Street.
Factors,	Hill & Hoggan, 194 Ingram Street.
Law-Agents,	Mitchells, Johnston & Co., 160 West George Street.
Auditors,	Brown, Fleming & Murray, 163 West George Street.
Publishers and Booksellers to the University,	James MacLehose & Sons, 61 St. Vincent Street.
Printers to the University,	Robert MacLehose & Co., 153 West Nile Street.
Robe Makers to the University,	James Thomson & Son, 191 West George Street.

HEAD SERVANTS.

Bedellus and Janitor,	Lauchlan M'Pherson.
Master of Works,	———

Representatives of the University Court on Charitable and other Boards.

General Medical Council—Professor Sir William T. Gairdner.

Western Infirmary—Rev. Dr. King and Mr. A. E. Clapperton.

Victoria Infirmary—Sir William T. Gairdner and Mr. William Crum.

Glasgow Samaritan Hospital for Women—Dr. Robert Perry.

Highlands and Islands Educational Trust—Sheriff R. Vary Campbell.

Stirling Educational Trust—Mr. Charles King.

Representatives of the Senate on Educational and other Boards.

Glasgow and West of Scotland Technical College—Professors Young and Barr.

Glasgow City Educational Endowments Board—Professor Stewart.

Glasgow General Educational Endowments Board—Professors Stewart and Jack.

Glasgow School of Art—Professor Jack.

Hutchesons' Educational Trust—Professor Ramsay.

John Clark (Mile-End) Bursary Trust—Professor Stewart.

Scott Scholarship and Bursaries Trust—Professor Bradley.

Western Infirmary—Professors Hastie and Adamson.

Royal Infirmary—Professor Young.

Asylum for the Blind—Professor Ramsay.

Glasgow Convalescent Home—Professor Buchanan.

Baillie's Institution—Professor Ferguson.

Joint Committees of Senate and Court.

LIBRARY COMMITTEE.

Appointed by the Senate—The Principal and Professors Stewart, Ferguson, Bower, Murray, and Moir.

Appointed by the University Court—Rev. Dr. Dickson, Rev. Dr. King, and Sheriff Berry.

MUSEUMS COMMITTEE.

Appointed by the Senate—Professors Young, Ferguson, M'Kendrick, and Murray.

Appointed by the University Court—Drs. Cameron and M'Vail.

OBSERVATORY AND LABORATORIES COMMITTEE.

Appointed by the Senate—Professor Lord Kelvin and Professors Ferguson, M'Kendrick, and Becker.

Appointed by the University Court—The Lord Provost and Sir James King, Bart.

Students' Representative Council.

President—Arthur Stanley Middleton, M.A.

Vice-Presidents—John L. Wark, M.A.; Ivy M'Kenzie, M.A.

Secretary—James M. Black, Concord Villa, Rothesay.

Assistant Secretaries—Dugald Clark, M.A. (Divinity); Robert S. Masterton (Arts); A. Erskine Murray, M.A. (Law); J. G. Tomkinson (Medicine); and John Muir (Science).

Treasurer—I. M'Kay Huey, 1 Clarendon Street, Byres Road.

Executive Committee:—The Office-Bearers, with

Arts—J. W. M'Cutcheon, George Stewart.

Medicine—E. P. Cathcart, J. B. Miller.

Divinity, Law, Science—Charles S. Douglas.

I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V., by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale . . . tam in theologia ac jure canonico et civili, quam in artibus, et quavis alia licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of Pædagogium, or the College of Arts. It is said to have been situated in the Rottenrow; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for upwards of four hundred years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion, and its chief support being derived from the Church. In 1577, James VI. prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio*.

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.[1]

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, an increased number of Bursars and of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal, a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.[1] In the next thirty years seven Professorships were either originally founded or revived, viz. :—those of Mathematics (1691), Humanity (1706), Oriental Languages (1709), Civil Law (1712), Medicine (1712), Church History (1716), and Anatomy (1718) ; and to these a Professorship of Astronomy was added in 1760. The remaining eighteen Professorships were founded during the present century, viz. :—Natural History, (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874), Naval Architecture (1883), History (1893), Pathology (1893), Political Economy (1896).

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[1] This system was altered in 1642, in accordance with the practice of the other Universities; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan; the second, Semi; the third, Baccalour; the fourth, Magistrand.

UNIVERSITY BUILDINGS.

The changes in the City of Glasgow having so entirely altered the character of the district in which the University Buildings were planted in the fifteenth century, as to render the locality altogether unsuitable for an Academic Institution ; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment ; measures were adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

In 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, was passed by both Houses of Parliament, and received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements ; and the Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

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[1] See Dr. Thomas Reid's Account of the University of Glasgow.

The funds at the disposal of the University to carry out the scheme of removal consisted of—(1.) The produce of the sale of the old College and grounds, £100,000,—(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monklands Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum was paid out of the National Treasury, and there has been received from the public subscription for the University Buildings and the Western Infirmary and from legacies the large amount of £261,429, including £45,000 from the Marquis of Bute for the erection of the Bute Hall, £5,000 from Dr. J. M'Intyre for the University Union Buildings, £5,000 from the Bellahouston Trustees for Medical Buildings in the Women's department, £4,274 from the late Sir William Pearce, Bart., for the removal of the old College front and the re-erection of the materials at the north-east gateway, £5,000 bequeathed by Mr. Andrew Cunninghame, and £1,000 (less legacy duty) bequeathed by Mr. James Marshall for the completion of the tower, and special subscriptions amounting to £2,600 for building and furnishing the Gymnasium. A sum of £30,000 was allocated to the Western Infirmary. New buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71. In 1893 the buildings and grounds were extended by the gift of North Park House and Grounds for the use of the women students of the University.

GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858 the whole business of the University was transacted in three distinct courts—namely the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy. The Members of Faculty had the administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this Court, and also in the Senate. Meetings of the Comitia were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, consisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who issued ordinances, sanctioned by Her Majesty, for the administration of the affairs of the University.

Further changes were made by the Universities (Scotland) Act, 1889. A Committee of Her Majesty's Privy Council was constituted, styled the Scottish Universities Committee of the Privy Council. An Executive Commission was created with power to repeal or modify any ordinance made under the Act of 1858. The Commissioners continued to exercise their powers till the end of 1897 and issued ordinances, *inter alia*, for Degrees in Arts, Science, Medicine, Law, and Divinity, for the instruction and graduation of Women, and for special study and research. They also issued an ordinance (No. 60) laying down regulations for the constitution of the Students' Representative Council, and regulations under which that Council is entitled to petition the Senatus Academicus and the University Court.

CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He nominates an Assessor in the University Court, and he is empowered to appoint a Vice-Chancellor to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

Chancellors from the year 1642.

1642. James Hamilton Marquis of Hamilton.
1660. William Cunningham, Earl of Glencairn.
1661. Andrew Fairfowl, Archbishop of Glasgow.
1664. Alexander Burnett, ,, ,,
1670. Robert Leighton, ,, ,,
1674. Alexander Burnett, ,, ,,
1679. Arthur Ross, ,, ,,
1684. Alexander Cairncross, ,, ,,
1687. John Paterson, ,, ,,
1692. John Carmichael, Earl of Hyndford.
1715. James Graham, Duke of Montrose.
1743. William Graham, ,, ,,
1781. James Graham, ,, ,,
1837. James Graham, ,, ,,
1875. Sir William Stirling-Maxwell, Bart., M.P.
1878. Walter Francis, Duke of Buccleuch and Queensberry, K.G.
1884. JOHN HAMILTON DALRYMPLE, EARL OF STAIR, K.T.

RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.[1] In the case of an equality of nations the Chancellor had, in accordance with the Act of 1858, the casting vote, but under the Act of 1889 the Commissioners have ordained (Ord. No. 7) that the election shall be determined by the majority of votes of all the students voting whenever the votes of the nations shall be equally divided. The Universities Commission (1858) ordained that the election should take place upon the 15th November (the 16th, if the 15th fell on a Sunday); but by Ordinance No. 139 of the Universities Commission (1889), the election is to take place on such day in the month of October or November as may be fixed by the University Court after consultation with the

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[1] The nations are constituted as follows:—

1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.

2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.

3. The Natio Rothseiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.

4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

Senate, but the date cannot be later than the second Saturday in November in any year. The term of office is three years. The Rector is the official President of the University Court.

Rectors from 1773.

1773. Charles Cathcart, Lord Cathcart.
1775. Lord Chief Baron Montgomerie.
1777. Andrew Stewart, Esq. of Torrance.
1779. James Maitland, seventh Earl of Lauderdale.
1781. Right Hon. Henry Dundas.
1783. Right Hon. Edmund Burke.
1785. Robert Graham, Esq. of Gartmore.
1787. Adam Smith, LL.D.
1789. Walter Campbell, Esq. of Shawfield.
1791. Thomas Kennedy, Esq. of Dunure.
1793. William Mure, Esq. of Caldwell.
1795. William M'Dowall, Esq. of Garthland.
1797. George Oswald, Esq. of Auchincruive.
1799. Right Hon. Sir Ilay Campbell, Lord President.
1801. William Craig, a Lord of Session.
1803. Lord Chief Baron Dundas.
1805. Henry Glassford, Esq. of Dugalston.
1807. Archibald Colquhoun, Esq. of Killermont.
1809. Archibald Campbell, Esq. of Blythswood.
1811. Lord Archibald Hamilton.
1813. Thomas Graham, Lord Lynedoch.
1815. David Boyle, Lord Justice Clerk.
1817. George Boyle, Earl of Glasgow.
1819. Kirkman Finlay, Esq., M.P.
1820. Francis Jeffrey, Esq., Advocate.
1822. Sir James Mackintosh, M.P.
1824. Henry Brougham, Esq., M.P.
1826. Thomas Campbell, LL.D.
1829. Henry Petty, Marquis of Lansdowne.
1831. Henry Cockburn, Esq., Solicitor-General.
1834. Lord Stanley, M.P.
1836. Sir Robert Peel, Bart., M.P.
1838. Sir J. G. R. Graham, Bart., M.P.
1840. John Campbell, Marquis of Breadalbane.
1842. Right Hon. Fox Maule, M.P.
1844. Andrew Rutherford, Esq.
1846. Lord John Russell.
1847. Colonel Mure of Caldwell.
1848. Thomas Babington Macaulay, Esq.
1850. Archibald Alison, Esq., Sheriff of Lanarkshire.
1852. Earl of Eglinton.

1854. Duke of Argyle.
1856. Sir Edward Bulwer Lytton.
1859. Earl of Elgin.
1862. Viscount Palmerston.
1865. John Inglis, Lord Justice Clerk.
1868. Lord Stanley (afterwards Earl of Derby).
1871. Right Hon. Benjamin Disraeli, M.P. (Earl of Beaconsfield).
1877. Right Hon. William Ewart Gladstone, M.P.
1880. Right Hon. John Bright, M.P.
1883. Right Hon. Henry Fawcett, M.P.
1884. Edmund Law Lushington, LL.D., D.C.L.
1887. Right Hon. Earl of Lytton, G.C.B., G.C.S.I., C.I.E.
1890. Right Hon. Arthur James Balfour, M.P.
1893. Right Hon. Sir John Eldon Gorst, M.P.
1896. Right Hon. Joseph Chamberlain, M.P.

DEAN OF FACULTIES.

From the beginning there has been in the University an officer of dignity with the title of Dean of Faculty or Dean of Faculties. The duties of the office, as originally constituted, were to exercise a superintendence over the studies, and, in conjunction with the Masters, to judge of the qualifications of applicants for degrees. From the year 1772 it was the duty of the Dean, in concert with the Rector and the Minister of Glasgow, to examine the accounts of the administration of the Revenue, and to give advice to the Principal and Professors, when it was necessary for them to institute a judicial inquiry into the conduct of any of their number. By the Universities Act of 1858 the Dean of Faculties was a member of the University Court, but in the enumeration of the constituent members of the new University Court in the Act of 1889 the name does not occur. The election is made annually by the Senate at the close of the winter session.

Deans from the year 1800.

1800. James Couper, D.D.
1802. Archd. Campbell, Esq., of Succoth.
1804. Gavin Gibb, D.D.
1806. Duncan Macfarlan, D.D.
1808. Gavin Gibb, D.D.
1810. Duncan Macfarlan, D.D.
1812. Gavin Gibb, D.D.
1814. Stevenson Macgill, D.D.
1815. Archibald Campbell, Esq., M.P.
1817. Sir John Connel
1819. Archibald Campbell, Esq., M.P.
1821. Sir John Connel.
1823. Archibald Campbell, Esq., M.P.
1825. Sir John Connel.
1827. Archibald Campbell, Esq., M.P.
1829. Sir John Connel.
1831. Archibald Campbell, Esq.
1833. Sir A. Campbell, Bart.
1835. Archibald Campbell, Esq.
1837. Sir A. Campbell, Bart.
1839. Kirkman Finlay, Esq.
1841. Lord Dunfermline.

1843. Sir T. Makdougall Brisbane, Bart.
1845. A. Maconochie, Lord Meadowbank.
1847. Earl of Eglinton.
1849. Colonel Mure of Caldwell, M.P.
1851. W. Lockhart, Esq., M.P.
1853. Colonel Mure.
1854. W. Lockhart, Esq.
1857. W. Stirling, Esq., of Keir, M.P.
1860. J. Moncreiff, Lord Advocate.
1863. Sir A. I. Campbell of Succoth.
1865. Henry Glassford Bell, Esq.
1868. Sir James Fergusson, Bart.
1869. Sir Thos. E. Colebrooke, Bart., M.P.
1872. Archd. Orr Ewing, Esq., M.P.
1876. Alexander B. M'Grigor, LL.D.
1879. James King, Esq.
1882. R. W. Cochran-Patrick, LL.D., M.P.
1885. Alexander Crum, Esq., M.P.
1888. Robert Berry, LL.D.
1896. W. P. Dickson, D.D., LL.D., Emeritus Professor of Divinity.

PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI., in 1577. It is in the appointment of the Crown. The Principal is President of the Senatus Academicus; and is also, *ex officio*, a member of the University Court.

Principals from the year 1574.

1574. Andrew Melville.
1580. Thomas Smeaton.
1582. Patrick Sharpe.
1615. Robert Boyd.
1622. John Cameron, D.D.
1626. John Strang, D.D.
1650. Robert Ramsay.
1653. Patrick Gillespie.
1661. Robert Baillie, D.D.
1662. Edward Wright.
1684. James Fall.
1690. William Dunlop.
1701. John Stirling.
1728. Neil Campbell.
1761. Wm. Leechman, D.D.
1786. Archd. Davidson, D.D.
1803. William Taylor, D.D.
1823. Duncan M'Farlan, D.D.
1858. Thomas Barclay, D.D.
1873. John Caird, D.D.

UNIVERSITY COURT.

The University Court consists of (*a*) the Rector, (*b*) the Principal, (*c*) the Lord Provost of Glasgow for the time being, (*d*) an Assessor nominated by the Chancellor, (*e*) an Assessor nominated by the Rector, (*f*) an Assessor nominated by the Lord Provost, Magistrates, and Town Council of Glasgow, (*g*) four Assessors elected by the General Council, (*h*) four Assessors elected by the Senatus Academicus. There is a further provision in the Act of 1889 for the representation of affiliated Colleges.

Assessors since the University Court was constituted.

CHANCELLOR.

1859. John Robertson, D.D., Glasgow.
1865. A. Sym, D.D., New Kilpatrick.
1870. James Pearson, D.D., Strathblane.
1874. Robert Jamieson, D.D., Glasgow.

1878. J. A. Campbell, LL.D., Stracathro.
1887. Sir James King, Bart., LL.D.

RECTOR.

1860. Thomas Buchanan, Esq.
1863. Walter Buchanan, Esq., M.P.
1866. Archibald Orr Ewing, Esq.
1869. James A. Campbell, LL.D.
1878. Alexander Crum, Esq.
1880. Charles Cameron, M.D., LL.D., M.P.
1884. A. B. M'Grigor, LL.D.
1887. James Grahame, Esq.
1890. Lord Blythswood, LL.D.
1893. Matthew P. Fraser, LL.B.
1896. David Murray, LL.D.

LORD PROVOST, MAGISTRATES, AND TOWN COUNCIL OF GLASGOW.

1889. James Colquhoun, LL.D.

GENERAL COUNCIL.

1859. Andrew Bannatyne, LL.D.
1864. Lord Kinloch.
1867. Anderson Kirkwood, LL.D.
1887. R. W. Cochran-Patrick, LL.D.
1889. David Hannay, Esq.
1889. Hector C. Cameron, M.D.
1889. Sir John Neilson Cuthbertson.
1891. Rev. J. W. King, M.A., D.D.
1891. D. C. M'Vail, M.B.
1893. Hector C. Cameron, M.D.
1893. Sir John Neilson Cuthbertson.
1895. Rev. J. W. King, D.D.
1895. D. C. M'Vail, M.B.
1897. Hector C. Cameron, M.D.
1897. Sir John Neilson Cuthbertson, LL.D.

SENATUS ACADEMICUS.

15th Nov., 1859. Professor W. Ramsay, M.A.
11th Dec., 1863. Professor R. Buchanan, LL.D.
12th Dec., 1867. Professor Allen Thomson, M.D.
11th Jan., 1872. Professor Sir W. Thomson.
13th Jan., 1876. Professor Cowan, M.D.
29th Jan., 1880. Professor Berry, M.A., LL.D.
31st Jan., 1884. Professor Dickson, D.D., LL.D.
9th Feb., 1888. Professor G. G. Ramsay, LL.D.
28th Nov., 1889. Professor Leishman, M.D.
28th Nov., 1889. Sheriff Berry, LL.D.
28th Nov., 1889. Professor Stewart, D.D.
28th Nov., 1890. Professor Ramsay, LL.D.
30th Nov., 1891. Professor Leishman, M.D.

28th Nov., 1892.	Sheriff Berry, LL.D.
28th Nov., 1893.	Professor Stewart, D.D.
30th Nov., 1893.	Professor Gairdner, M.D., LL.D.
28th Nov., 1894.	Professor Jack, LL.D.
30th Nov., 1895.	Sir W. T. Gairdner, K.C.B., M.D., LL.D.
28th Nov., 1896.	Sheriff Berry, LL.D.
28th Nov., 1897.	Professor Stewart, D.D.

The Rector's Assessor continues in office three years, and the other Assessors four years.

The University Court is a body corporate, in which is vested all the property belonging to the University. By the Act of 1889 it is enacted that the University Court, in addition to the powers conferred upon it by the Act of 1858, shall, subject to any ordinances made by the Commissioners, have power—

1. To administer the whole revenue and property of the University, including share of annual Government Grant, and bursary and other mortifications.

2. To review any decision of the Senate, appealed against by a member of Senate or other member of the University interested,[1] and to receive representations and reports from the Senate and the General Council.

3. To review, on representation by any member of the University Court or by any member of Senate, any decision of the Senate in the exercise of its powers of regulating and superintending the teaching and discipline of the University; but decisions in matters of discipline can be reviewed only on appeal by a member of Senate or by a member of the University directly affected.

4. To appoint professors to chairs in University patronage; to appoint examiners and lecturers; and to recognize for graduation purposes the teaching of any college or individual teacher, under any regulations laid down by the Commissioners, which regulations, after the expiration of the powers of the Commissioners, may from time to time be modified or altered by the Universities Committee.

5. To define on application by any member of the Senate the nature and limits of a professor's duties under his commission, subject to appeal to the Universities Committee.[2]

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[1] An appeal against any decision of the Senate must be lodged with the Secretary of the University Court within fourteen days from the date of the issue of such decision. See Ordinance No. 5.

[2] Ordinance No. 144, which was issued on 29th March, 1895, and came into force immediately after the expiration of the powers of the Commissioners (1889),

6. To take proceedings against a principal or professor, University lecturer, assistant, recognized teacher or examiner, or any other person employed in teaching or examining.

7. To appoint from persons not being members of Senate one third of the members of any standing committee or committees charged, by ordinance of the Commissioners, with superintendence of University libraries or museums, and to review any decision of the Senate regarding the recommendations of such committee or committees.

8. To appoint committees of its own number, consisting of not less than five members, to report on any business entrusted to them or to carry out special instructions.

9. To elect the representative of the University on the General Medical Council, under the Medical Act, 1886.

10. After the expiration of the powers of the Commission to found new professorships with the approval of the Universities Committee.[1] After such expiration no new professorship shall be founded otherwise.

The Court is entrusted with the patronage of several of the Professorships, appoints the additional Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Seven Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meeting of the University Court during 1897-98 will be found towards the end of the Calendar.

SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the regulation and superintendence of the teaching and discipline of the University. It appoints two-thirds of the members of any standing committee or committees charged by ordinance of the Commissioners with the immediate superintendence of University libraries or museums. It receives in the first instance

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empowers the University Court at any time to revise and adjust the terms of the commission to be issued at the next vacancy of any chair, with regard to the number of lectures and the period of instruction.

[1] Ordinance No. 144 enjoins the University Court before proceeding to the foundation of any new Professorship, to ascertain that there are sufficient means for its endowment, and also to take into consideration the contingent claim which the Professor may have to a pension.

all reports by such committee or committees, and, subject to the review of the University Court, it may confirm, modify, or reject the recommendations in such reports. The Principal, as President, has a deliberative and a casting vote. One third of the Senate constitute a quorum.

FACULTIES.

The Universities Commissioners, by Ordinance No. 31, dated 5th June, 1893, settled the constitution of the several Faculties in this University, as follows :—I. The Faculty of Arts consists of the Professors of the following subjects, viz., English Language and Literature, Humanity, Greek, Hebrew and Semitic Languages, Mathematics, Natural Philosophy, Logic and Rhetoric, Moral Philosophy, History, Political Economy.[1] II. The Faculty of Science consists of the Professors of the following subjects, viz., Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History, Botany, Anatomy, Physiology, Civil Engineering and Mechanics, Naval Architecture. III. The Faculty of Medicine consists of the Professors of the following subjects, viz., Chemistry, Natural History, Botany, Anatomy, Physiology, Pathology, Materia Medica, Medicine, Surgery, Midwifery, Forensic Medicine, Clinical Medicine, Clinical Surgery. IV. The Faculty of Law consists of the Professors of the following subjects, viz., Law, Forensic Medicine, Conveyancing, Political Economy.[1] V. The Faculty of Divinity consists of the Professors of the following subjects, viz., Divinity, Divinity and Biblical Criticism, Ecclesiastical History, Hebrew and Semitic Languages. The University Court has power to transfer Chairs from one Faculty to another, and in the event of the foundation of new Chairs, to determine to which Faculty or Faculties such Chairs shall belong.

The Professors constituting each Faculty annually elect one of their number to be Dean of the Faculty.

LECTURERS.

By Ordinance No. 17[2] of the Universities Commission (1889), the University Court is empowered to appoint, after consultation with the Senatus, Lecturers, whose teaching shall (unless otherwise determined by the University Court) qualify for graduation. They are appointed for a period not exceeding five years, but may be re-appointed. University Assistants or Demonstrators are eligible for appointment as Lecturers and *vice versa*; and both offices may be held at the same time by the same person.

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[1] See Ordinance No. 149, Section i.

[2] This ordinance is printed at length in the University Calendar for 1893-94, at pp. 504, 505.

Ordinance No. 65 provides that the classes of University Lecturers shall be conducted at the seat of the University, *i.e.* in the city of Glasgow and the immediate neighbourhood thereof, that no classes conducted by Lecturers elsewhere shall qualify for graduation in any Faculty, and that University Lecturers shall be in all respects subject to the discipline of the Senatus Academicus and of the University Court.

BOARDS OF STUDIES.

By Ordinance No. 11 of the Universities Commission (1889), it is provided that the Senate shall institute Boards of Studies corresponding as nearly as may be to the departments of study for graduation in Arts. Each Board of Studies consists of the Principal, the Dean of the Faculty of Arts, and such other members of the Senate and Lecturers in the University as the Senate may from time to time select, a member of the Board being appointed Convener by the Senate. The functions of these Boards are defined in Ordinance No. 11, sections xviii. and xix.

Provision is made in Ordinance No. 42 for the institution of one or more Boards of Studies in each of the Faculties of Medicine and Science. In Medicine the constituent members of the Board or Boards are Professors in the Faculty of Medicine, together with such Professors in other Faculties whose subjects qualify for graduation in Medicine, and such Lecturers in the University as the Senate may from time to time select. The Board or Boards of Studies in Science are similarly constituted *mutatis mutandis*. The Dean of the Faculty of Medicine is Convener of each Board of Studies in Medicine; the Senate appoints the Convener of each Board of Studies in Science.

UNIVERSITY ASSISTANTS OR DEMONSTRATORS.

By Ordinance No. 17[1] of the Universities Commission (1889), the University Court is empowered to determine, after consultation with the Senatus, the number and grade of the Assistants, if any, to be assigned to each Professor. The appointments are made by the University Court on the recommendation of the Professors. The duties of each Assistant are defined by the Professor, with the approval of the Senate. The Assistants are recognized as Officers of the University, and are styled University Assistants or Demonstrators, as the University Court may determine.

The Arnott and Thomson Demonstratorship, founded in 1875, is attached to the Chair of Natural Philosophy; the Muirhead Demonstratorship, founded in 1877, to the Chair of Physiology; and the Baxter Demonstratorship in Geology, founded in 1889, to the Chair of Natural History.

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

EXAMINERS FOR DEGREES

By Ordinance No. 13, Sections xiv.—xvi., of the Universities Commission (1889), the Examiners for graduation in Arts, Science, and Medicine respectively are the Professors whose subjects qualify for graduation, together with such Lecturers in the University and such additional Examiners, appointed by the University Court, as the Court may deem necessary. In the case of Medicine, the Court is required to make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

By Ordinances No. 39, Section vii., and No. 40, Section vii., of the Universities Commission (1889), the Examiners for graduation in Law are the Professors and Lecturers whose subjects qualify for graduation, and additional Examiners appointed by the University Court.

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[1] See second note on page 40.

By Ordinance No. 63, section ii., of the Universities Commission (1889), the Examiners for graduation in Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

GENERAL COUNCIL.

[*For names, etc., of Members, see Appendix.*]

The General Council as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), by the Representation of the People (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), and by the Universities Elections Amendment (Scotland) Act, 1881 (44 and 45 Vict., chap. 40), consists of the following *ex officio* Members, viz., the Chancellor, the Members of the University Court from and after their first election, and the Professors, and also of the following persons after registration, viz., all Masters of Arts of the University, and all persons on whom the University has, after Examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree instituted since 13th July, 1868; and also all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

Members of the Council must have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually in the month of December, for the year following, and includes the names of all members entered on the Registration Book on or before the 30th day of November in each year. The Registration Fee, which is a payment for life, is 20s.

By section 16 of the Act 44 and 45 Vict., chap. 40, it is enacted that no person shall be allowed, after examination, to graduate at any of the Universities of Scotland until he shall have paid the Registration Fee; and it is further enacted that every person who has hitherto been, or who shall in the future become, *ex officio*, a member of the General Council of any of the Universities shall, on payment of the Registration Fee, be put and continued on the Register of Members of General Council of such University during his life, and shall be entitled to all the privileges of a Member of Council. The Act also provides that no person, subject to any legal incapacity, shall be entitled to vote at any parliamentary election, or exercise any other privilege as a member of the General Council.

The corrupt payment of any Registration Fee is punishable as bribery.

The Council meets twice every year—viz., on the last Wednesday of October, and the first Wednesday of April. In addition to these statutory meetings the Council may hold special meetings at the instance of the Chancellor, who shall convene such meetings on a requisition from a quorum of members, and the Council may adjourn any meeting, and may appoint committees to investigate into and report upon any matter remitted to them, or to carry out instructions given to them by the Council. The quorum of the General Council has been fixed by the Universities Commissioners at ten for every complete thousand or fraction of a thousand on the Register, so that for the present year sixty members are requisite to constitute a quorum, there being 5541 names on the Register, but this provision does not apply to the statutory half-yearly meetings. It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to make representations from time to time to the University Court, who shall return to the Council their deliverances thereon. The annual reports as to the statistics of attendance and as to the finances of the University, made by the University Court to the Secretary for Scotland, are to be laid by him before the General Council. To it are also to be communicated all new ordinances, or changes of existing ordinances, which may be proposed by the University Court.

The Chancellor and four of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance No. 9 of the Universities Commission (1889). The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Chancellor's Assessor; whom failing, the Rector's Assessor. In the absence of all these officials, a Chairman shall be elected by the meeting; but in the election of Assessors the members of Senate may not take part.

The General Councils of the Universities of Glasgow and Aberdeen jointly return a representative to Parliament. The Vice-Chancellor of Glasgow University is the returning officer.

Members of Parliament for the Universities of Glasgow and Aberdeen.

1868. Right Hon. James Moncrieff, LL.D., Lord Advocate.
1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
1876. Right Hon. William Watson, LL.D., Lord Advocate.
1880. JAMES ALEXANDER CAMPBELL, LL.D.

STUDENTS' REPRESENTATIVE COUNCIL.

The constitution and functions of the Students' Representative Council are regulated by Ordinance No. 60, the provisions of which are as follows:—

I. The Students' Representative Council in each University shall submit to the University Court for approval the regulations under which it has been formed or now exists, and these regulations as approved, or with such alterations as may from time to time be approved by the University Court, shall form the constitution of the Students' Representative Council, and shall, subject to the provisions of this Ordinance, determine the functions thereof, and the mode of election thereto.

II. After the University Court has approved of the constitution of a Students' Representative Council in any University, alterations in the said constitution shall be of no effect unless and until they shall receive the approval of the University Court.

III. (1) The Students' Representative Council shall be entitled to petition the Senatus Academicus with regard to any matter affecting the teaching and discipline of the University, and the Senatus Academicus shall dispose of the matter of the petition, or shall, if so prayed, forward any such petition to the University Court, with such observations as it may think fit to make thereon.

(2) The Students' Representative Council shall be entitled to petition the University Court with regard to any matter affecting the students other than those falling under the immediately preceding sub-section.

(3) Nothing contained in this section shall be held to prejudice any right of appeal which may be competent under

section 6, sub-section 2, of the Universities Act, 1889, nor the powers and jurisdiction of the Senatus Academicus with regard to the teaching and discipline of the University.

The Council at present consists of representatives from the different years of all the different Faculties in the University, and its aims are (1) to represent the Students in matters affecting their interests; (2) to afford a recognized means of communication between the Students and the University authorities; (3) to promote social and academic unity among the Students. A Union Committee appointed by the Council completed in Session 1889-90 the arrangements for opening the "Glasgow University Union." The Council has various Sub-Committees—an Inter-Universities Committee, a Magazine Committee, which conducts during the winter session the "Glasgow University Magazine" (published weekly), an Amusements Committee, and a Song Book Committee.

Presidents of the Students' Representative Council.

1885-86. R. M. Wenley, M.A.
1886-87. Gavin Lambie, M.A.
1887-88. C. E. Robertson, M.B., C.M.
1888-89. John H. Harley, M.A.
1889-90. Robert Bell, M.B., C.M.
1890-91. William Newlands.
1891-92. John White, M.A.
1892-93. R. S. Horne, M.A.
1893-94. John H. Pagan, B.D.
1894-95. W. M. R. Pringle, M.A.
1895-96. John S. Thomson, M.A.
1896-97. Hyam Goodman, M.A.
1897-98. Arthur S. Middleton, M.A.

STUDENTS.

Number of Students in the several Faculties, Session 1897-98:—

MEN.		
In Arts (including Summer Matriculation of 1897, 7),	581	
Science (including Summer Matriculation of 1897, 1),	106	
Theology (including Summer Matriculation of 1897, 1),	56	
Medicine (including Summer Matriculation of 1897, 58),	593	
Law,	203	
Arts and Medicine,	1	
Arts and Theology,	2	
Arts and Science,	12	
Arts and Law,	8	
Science and Medicine,	1	
		1563
WOMEN.		
In Arts (including Summer Matriculation of 1897, 2),	179	
Science,	7	
Medicine (including Summer Matriculation of 1897, 5),	71	
		257
Total,		1820

Ordinance No. 50 of the Universities Commission (1889) requires that each student shall pay a matriculation fee of One Guinea, at the commencement of each winter session, for the whole academical year then next ensuing; and any student desirous of attending a class or classes during a summer session, without having matriculated at the commencement of the immediately preceding winter session, shall in respect of such summer session pay a matriculation fee of half a guinea. Ordinance No. 147 contains the following regulation with regard to matriculated students:—No person shall be deemed to be a matriculated student in any University or shall enjoy any of the privileges of a matriculated student unless, in addition to paying the matriculation fee, he is enrolled as a student in attendance in one or more classes in the University, and has paid the fees entitling him to such attendance: provided that nothing herein contained shall affect the right of the University Court to exact a fee in lieu of and not exceeding the matriculation fee from any candidate for any examination or for graduation, not being at the time a matriculated student, in addition to the fee payable for such examination or graduation. The University Court is empowered in special circumstances to permit persons who have not matriculated to attend any single class in any Faculty, on payment of an Entrance Fee of Five Shillings in addition to the authorized class fee, subject to the following provisions, viz.:—(1) That attendance on any class without payment of the matriculation fee shall not qualify for graduation in any Faculty, (2) that persons who have not paid the matriculation fee shall not be entitled to a certificate of attendance on any class, and (3) that payment of such entrance fee shall not confer any University privilege other than the right of attendance on such class. The office of the Clerk of Senate will be open for the purpose of Matriculation on and after 19th October.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and, under certain conditions, to the Hunterian Museum; they are also entitled to vote for the Lord Rector. They are classified as students in Arts, Science, Medicine, Law, and Divinity, according to the nature of their studies; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

By Ordinance No. 18[1] of the Universities Commission (1889) the University Court was empowered to admit women to graduation, and to provide for their instruction, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. Under this ordinance women were for the first time admitted as matriculated students of this University in Session 1892-93.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the Eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University. In the Royal Infirmary certain wards are appropriated to the clinical instruction of women.

UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is Convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at half-past Two o'clock, in the Bute Hall. The services are conducted by graduates of this University and other clergymen of various denominations.

GYMNASIUM.

This building was erected by public subscription, and fitted according to the most improved models, under the superintendence of the late Mr. Maclaren of Oxford, at a total cost of £2600, and was opened for the first time in January, 1872.

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[1] This ordinance is given in full in the *University Calendar* for 1892-93, pp. 504-506.

The instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Classes are held on Mondays, Wednesdays, and Fridays from 10 A.M. till 1 P.M., and from 4.30 P.M. till 5.30. P.M. Students may join any one of the above classes. Each class meets three days a week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and a special evening class is formed for their benefit, which meets on Mondays and Thursdays from 8 P.M. till 10 P.M.

Fees.—1. *For all Students:* One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; Six months, 20s. 2. *For Non-Students:* the Quarter (*i.e.* twice a-week for three months), 15s.; whole season (seven months), 35s.

The Oxford Silver Medal, presented annually by the late Mr. Maclaren, for competition among the students, is continued by the Gymnasium, and, at the competition in March, 1898, was gained by John F. Henderson. The Bronze Medal for competition among the non-students is also continued.

Classes are formed after Christmas to meet twice a week for instruction in boxing and fencing.

In 1894 the Gymnasium Committee agreed to grant the use of the Gymnasium to students attending Queen Margaret College. Suitable hours and days for holding a class are arranged at the beginning of the session. Last year the class met once a week, on Tuesdays at 4.30 P.M.

The Gymnasium is managed by a joint-committee of professors and students.

Hon. Treasurer, Alan E. Clapperton, B.L., 91 West Regent Street, Glasgow.

Hon. Secretary, John F. Henderson, 4 Belhaven Crescent, Kelvinside.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the ordinary degree of M.A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy, and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—TABLE OF UNIVERSITY FEES.

I.—MATRICULATION FEES.			
At the commencement of each Academical Year, which extends from 1st October to 30th September, and includes both Winter and Summer Sessions, ...	£1	1	0
At the commencement of each Summer Session, if the Student has not matriculated for the Academical Year then current, ...	0	10	6
II.—ENTRANCE FEES.			
On admission, in special circumstances, of persons who are not matriculated Students of the University to any single class in any Faculty, ...	0	5	0
N.B.—Attendance under this Regulation does not qualify for Graduation, and no Certificate for such attendance is given. The Entrance Fee confers no University privileges other than the right of attendance above mentioned.			
III.—ENROLMENT FEES (extra-mural lectures).			
At the commencement of each year of attendance on the lectures of Extra-Academical Teachers in Glasgow, whose Lectures are recognized for Graduation in Medicine or Science, ...	1	1	0
IV.—EXAMINATION FEES.			
For Preliminary Examinations in Arts, Science, or Medicine—			
On each entry for Examination, ...	0	10	6
For Degree of Master of Arts (M.A.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Degree of Bachelor of Science (B.Sc.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Certificate in Engineering Science—			
On entering for last subject of Examination, ...	1	1	0
For Degree of Doctor of Letters (D.Litt.)—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Philosophy (D.Phil.)—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Science (D.Sc.)—			
Previous to Graduation, ...	10	10	0

For Degrees of Bachelor of Medicine (M.B.), and Bachelor of Surgery (Ch.B.)—			
On entering for First Professional Examination, ...	£6	6	0
,, Second ,, ,, ...	6	6	0
,, Third ,, ,, ...	5	5	0
,, Fourth ,, ,, ...	5	5	0
For Degree of Doctor of Medicine (M.D.)—Old Regulations—			
On lodging Thesis, ...	5	5	0
For Degree of Doctor of Medicine (M.D.)—New Regulations—			
On entering for Examination, ...	10	10	0
For Degree of Master of Surgery (Ch.M.)—			
On entering for Examination, ...	10	10	0
For Degree of Bachelor of Laws (LL.B.)—New Regulations—			
The Fee for this Degree is	6	6	0
Payable £1 1s. on entering for each subject till £6 6s. are paid.			
For Degree of Bachelor of Law (B.L.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for each subject till £5 5s. are paid.			
For Degree of Bachelor of Divinity (B.D.)—			
On entering for Examination in First Department,	2	12	6
,, ,, Second ,,	2	12	6
For Examination of Candidates for the Army—			
On entering for Examination, ...	2	2	0

V.—Class Fees (*see* pages 52—57 and 126, 127).

VI.—Library Fees.

Each Member of the General Council, each year (commencing 14th October) in which he wishes use of Library, ...	0	10	6
Or,			
This may be compounded for by a single payment of ...	5	5	0
Every Matriculated Student enrolled in a Class, and every Extra-Mural Student, who wishes use of Library, a *deposit* of	1	0	0
Special Readers—each year in which the privilege is granted, ...	0	10	6

VII.—Registration Fee.

All Candidates proceeding to Graduation after Examination who are not already members of the General Council are required by the Act 44 and 45 Vict., Ch. 40, to pay the Registration Fee, with a view to their names being enrolled in the General Council. The Fee is	1	0	0

III.—SEPARATE FACULTIES AND CLASSES.

The University Classes will meet as follows, daily, unless otherwise specified :—

WINTER SESSION 1898-99.

I.—ARTS.

THURSDAY, 20TH OCTOBER, 1898.

Classes.	*Hours.*	*Class Fees.*	
Latin, Junior,	8 a.m.,	£3 3	PROF. RAMSAY.
——— *Middle,*	8 a.m. and 11 a.m.,	3 3	
——— *Senior,*	9 a.m. and 1 p.m.,	3 3	
——— *Private or Honours,*	1 p.m.,	3 3[1]	
——— *Prose,*	1 p.m., Wed. or 11 a.m., Thurs.,	1 1	
Greek, Junior,	12 noon,	3 3	PROF. MURRAY.
——— *Middle,*	10 a.m.,	3 3	
——— *Senior,*	8 a.m. and 12 noon,	3 3	
——— *Honours,*	12 noon,	3 3[1]	
——— *Prose,*	12 noon, once weekly,	1 1	
English,	4.30 p.m.,	3 3[1]	PROF. BRADLEY.
———*Honours,*	12 noon,	3 3	
French,	2 p.m.,	3 3	Mr. A. Mercier.
——— *Honours,*	(See p. 66),	3 3	
German,	(See p. 129),	3 3	Dr. A. Tille.
——— *Honours,*		3 3	
Hebrew, Junior,	10 a.m.,	3 3	PROF. ROBERTSON.
———*Senior,*	9 a.m.,	3 3	
Arabic or Syriac,	(See p. 119),	2 2[4]	
Logic and Metaphysics,	9 a.m. daily,	3 3	PROF. ADAMSON.
——— *Honours,*	12 noon (see p. 67),	3 3	
Moral Philosophy,	8 a.m.,	3 3	PROF. JONES.
——— *Honours,*	1 p.m. (see p. 68),	3 3	
Political Economy,	2 p.m.,	3 3	PROF. SMART.
———*Honours,*	(See p. 69),	3 3	
Education (Theory, History, and Art of),	3.30 p.m.,	3 3	Dr. Ross.
Philosophy of Law,	5.30 p.m., Tues., Fri., and alternate Wed.,	3 3	Mr. W. G. Miller.
Mathematics, First,	9 a.m.,	3 3	PROF. JACK.
——— *Second,*	12 noon or 9 a.m.,	3 3	
——— *Honours (Intermed.),*	10 a.m.,	3 3	
——— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	PROF. LORD KELVIN.
——— *Honours,*	12 noon,	4 4[2,3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Honours Course following upon Ordinary Class, £3 3s.

[4] For students who are attending or who have attended the Hebrew Class, the fee is £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Astronomy, First (Half Course),	3 p.m., Mon., Wed., and alternate Fri.,	£2 2	PROF. BECKER.
Chemistry,	10 a.m.,	3 3[1]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
—— (*Half Session*),		5 5	
Zoology,	9 a.m.,	3 3[1]	PROF. YOUNG.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	
Botany (in Summer),			PROF. BOWER.
Geology (*Half Course*—Jan.),	5.30 p.m.,	3 3[1]	PROF. YOUNG.
History,	10 a.m.,	3 3	PROF. LODGE.
——*Honours*,	11 a.m., Mon., Wed., Fri.,	3 3	
Constitutional Law and History (*Half Course*),	4.30 p.m.,	3 3	Dr. W. S. M'Kechnie.
——*Honours*,	1 p.m., Mon., Wed., Fri.,	3 3	
Roman Law,	5.30 p.m.,	4 4	Mr. J. M. Irvine.
History of Civil Law (*Half Course*),	5.30 p.m. (see p. 164),	3 3	
Public Law (*Half Course*),	5.30 p.m., Mon., Thur., and alternate Wed.,	3 3	Mr. W. G. Miller.

II.—SCIENCE.

THURSDAY, 20TH OCTOBER, 1898.

Classes.	*Hours.*	*Class Fees.*	
Mathematics, First,	9 a.m.,	£3 3	PROF. JACK.
—— *Second*,	12 noon or 9 a.m.,	3 3	
—— *Honours* (*Intermed.*),	10 a.m.,	3 3	
—— *Honours* (*Advanced*),	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	PROF. LORD KELVIN.
——*Honours*,	12 noon,	4 4[2,3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	
Astronomy, First,	3 p.m., Mon., Wed., and alternate Fri.,	2 2	PROF. BECKER.
—— *Second*,	3 p.m., Tues., Th., and alternate Fri.,	2 2	
—— *First and Second in same Session*,		3 3	
Chemistry,	10 a.m.,	3 3[1]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
—— (*Half Session*),		5 5	
Organic Chemistry (Jan.),	3 p.m., Tues. and Fri.,	1 1	Mr. W. R. Lang.
Anatomy, Junior,	1 p.m.,	3 3[1]	PROF. CLELAND and Demonstrators.
—— *Senior*,	11 a.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3[4]	
Physiology,	12 noon,	3 3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Practical Physiology (in Summer).			
—— *Advanced* (See p. 90),		3 3	
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	
—— (*Half Session*),		5 5	

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[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Honours Course following upon Ordinary Class, £3 3s.

[4] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Natural History—			Prof. Young.
Zoology (Oct.),	9 a.m.,	3 3[1]	
Geology and Mineralogy (Jan.),	5.30 p.m.,	3 3[1]	
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	
Botany, Advanced,	(See p. 83),	3 3	Prof. Bower.
Botanical Laboratory, Advanced (Jan.),	(See p. 83),	3 3	
Engineering, Class I.,	8 a.m., Mon., Wed., Fri.,	2 2	Prof. Barr.
——— *II.,*	8 a.m., Tues., Thurs., and Sat.,	2 2	
——— *III.,*	(not in 1898-99),	2 2	
——— *IV.,*	9 a.m. daily, ex. Sat.,	3 3[1]	
Engineering Drawing, etc.,	9 a.m. to 5 p.m. daily, except Sat.,	3 3[2]	
Engineering Laboratory,	9 a.m. to 5 p.m.,	6 6	
——— *(Second Session),*		3 3	
Engineering Laboratory, Mechanical or Electrical,		3 3	
Electrical Engineering,	11 a.m. Mon. Wed. and Fri.,	2 2	Mr. J. D. Cormack.
Naval Architecture and Marine Engineering, Junior,	12 noon, Mon., Wed., and Fri.,	3 3	Prof. Biles.
——— *Senior,*	11 a.m., Mon., Tu., & Th.,	3 3	
——— *Practical, Junior,*	2 to 5 p.m., Tu., Wed., Th., and Fri.,	3 3	
——— ——— *Senior,*	2 to 5 p.m., Tu., Wed., Th., and Fri.,	3 3	

III.—MEDICINE.

THURSDAY, 20TH OCTOBER, 1898.

Classes.	*Hours.*	*Class Fees.*	
Natural History, Zoology,	9 a.m.,	£3 3[1]	Prof. Young.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3 3[1]	
Chemistry,	10 a.m.,	3 3[1]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10 10	
——— *(Half Session),*		5 5	
Organic Chemistry (Jan.),	3 p.m., Tu. and Fri.,	1 1	Mr. W. R. Lang.
Anatomy, Junior,	1 p.m.,	3 3[1]	Prof. Cleland and Demonstrators.
——— *Senior,*	11 a.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3 3[3]	
Physiology,	12 noon,	3 3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	10 10	
——— *(Half Session),*		5 5	
Materia Medica and Therap.,	1 p.m.,	3 3[1]	Prof. Stockman.
Pathology, Systematic,	3 p.m.,	3 3[1]	Prof. Coats.
——— *Demonstrations only,*		1 1	
Surgery,	12 noon,	3 3[1]	Prof. Macewen.
Midwifery,	2 p.m.,	3 3[1]	Prof. Cameron.
Practice of Medicine,	11 a.m.,	3 3[1]	Prof. Sir W. T. Gairdner.

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Third or subsequent Session, £2 2s.

[3] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Clinical Medicine,	9 a.m.,	(see p. 58)	PROF. M'CALL ANDERSON and Sir W. T. GAIRDNER.
Clinical Surgery,	9 a.m.,	(see p. 58)	PROF. GEORGE BUCHANAN and PROF. MACEWEN.
Public Health Laboratory,	(See p. 93),	£12 12	PROFESSOR GLAISTER and Assistant.
——— *(Half Session),*		6 6	
Ear,	4 p.m., Mon. (see p. 102),	1 1	Dr. Thomas Barr.
Throat and Nose,	4 p.m., Th. (University), 4 p.m., Tues. or Fri. (Western Infirmary),	1 1	J. Walker Downie, M.B.

IV.—LAW.

THURSDAY, 20TH OCTOBER, 1898.

Classes.	*Hours.*	*Class Fees.*	
Scots Law,	8 a.m.,	£4 4[1]	PROF. MOODY STUART.
Civil Law,	5.30 p.m.,	4 4[1]	Mr. J. M. Irvine.
Conveyancing,	8 a.m.,	4 4[1]	PROF. MOIR.
Constitutional Law and History,	4.30 p.m.,	4 4[1]	Dr. W. S. M'Kechnie.
——— *(Half Course),*		3 3	
Mercantile Law,	8 a.m.,	4 4[1]	Mr. James Mackenzie.
——— *(Half Course),*		3 3	
Public International Law,	5.30 p.m., Mon., Th., and altern. Wed.,	3 3	Mr. W. G. Miller.
Jurisprudence, General or Comparative,	5.30 p.m., Tues., Fri. and altern. Wed.,	3 3	
International Private Law	(in Summer),		
Political Economy,	2 p.m.,	3 3	PROF. SMART.
Forensic Medicine,	(See p. 109),	3 3[1]	PROF. GLAISTER.

V.—THEOLOGY.

THURSDAY, 27TH OCTOBER, 1898.

Classes.	*Hours.*	*Class Fees.*	
Divinity, Senior,	11 a.m.,	£3 3	PROF. HASTIE.
——— *Junior,*	12 noon,	3 3	
Hebrew, Junior,	10 a.m.,	3 3	PROF. ROBERTSON.
——— *Senior,*	9 a.m. daily, and 12 noon, Tu. and Th.,	3 3	
Arabic or Syriac,	(See p. 119),	2 2[2]	
Ecclesiastical History, Junior,	11 a.m.,	3 3	PROF. STORY.
——— *Senior,*	12 noon,	3 3	
Biblical Criticism,	10 a.m.,	3 3	PROF. STEWART.
New Testament Greek,	9 a.m., Mon., Wed., Fri.,	2 2	

SUMMER SESSION 1899.

I.—ARTS.

TUESDAY, 25TH APRIL, 1899.

Classes.	*Hours.*	*Class Fees.*	
Physical Laboratory,	10 a.m. to 4 p.m.,	£4 4	PROF. LORD KELVIN.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	PROF. FERGUSON.
Practical Zoology,	10 a.m. to 1 p.m.,	3 3[1]	PROF. YOUNG.
Botany,	8 a.m. (see p. 83),	3 3[1]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[1]	

[1] Fee for a Second or subsequent Session, £2 2s.

[2] For students who are attending, or have attended, the Hebrew Class, the Fee is £1 1s.

Tuesday, 2nd May, 1899.

Classes.	*Hours.*	*Class Fees.*	
Latin,	11 a.m.,	£2 2	[1] Mr. John Brown.
Greek,	10 a.m.,	2 2	[1] Mr. W. H. Balgarnie.
Mathematics,	9 a.m.,	2 2	[1] Mr. H. S. Carslaw. [1] Mr. W. A. Lindsay.
Hebrew,	9 a.m.,	2 2	Prof. Robertson and Mr. T. H. Weir.

II.—SCIENCE.

Tuesday, 25th April, 1899.

Classes.	*Hours.*	*Class Fees.*	
Practical Zoology,	10 a.m. to 1 p.m.,	£3 3[2]	Prof. Young.
Botany,	8 a.m. (see p. 83),	3 3[2]	Prof. Bower.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[2]	
Physical Laboratory,	10 a.m. to 4 p.m.,	4 4	Prof. Lord Kelvin.
Electricity—Pure and Applied,	9 a.m.,	3 3	Dr. Magnus Maclean.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	Prof. Ferguson.
Chemistry, Higher,		3 3	
Organic Chemistry,	3 p.m. Tu. and Th.	1 1	Mr. W. R. Lang.
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2[3]	Prof. Cleland and Demonstrators.
Practical Physiology,	12 noon,	3 3[2]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5 5	

III.—MEDICINE.

Tuesday, 25th April, 1899.

Classes.	*Hours.*	*Class Fees.*	
Physics,	11 a.m.,	£3 3[2]	Dr. M. Maclean.
Botany,	8 a.m.,	3 3[2]	Prof. Bower.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[2]	
Clinical Medicine,	9 a.m.,	(see p. 58)	Prof. M'Call Anderson and Sir W.T.Gairdner
Clinical Surgery,	9 a.m.,	(see p. 58)	Prof. George Buchanan and Prof. Macewen.
Practical Chemistry,	9 to 11 a.m.,	3 3[2, 4]	Prof. Ferguson.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	
Organic Chemistry,	3 p.m. Tu. and Th.	1 1	Mr. W. R. Lang.
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2[3]	Prof. Cleland and Demonstrators.
Embryology,	11 a.m. (see p. 88),	2 2	J. F. Gemmill, M.B.

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[1] Lecturers for 1898. The Lecturers for 1899 will be appointed in March.

[2] Fee for a Second or subsequent Session, £2 2s.

[3] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

[4] Instead of this Practical Course in Summer, Medical Students may take a three months' course of Laboratory Instruction in Winter.

Classes.	*Hours.*	*Class Fees.*		
Practical Anatomy and Embryology, if taken together,		£3	3	
Practical Zoology,	10 a.m. to 1 p.m.,	3	3[1]	PROF. YOUNG.
Practical Materia Medica,	12 noon,	3	3[1]	PROF. STOCKMAN.
Practical Physiology,[2]	12 noon (see p. 89),	3	3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5	5	
Practice of Medicine,	1 p.m., Tu. and Th.,		[3]	PROF. Sir W.T. GAIRDNER.
Medical Jurisprudence and Public Health,	11 a.m.,	3	3[1]	PROF. GLAISTER.
Public Health Laboratory,	(See p. 93),	6	6	
Practical Pathology,[2]	3 p.m. (see p. 92),	3	3[1]	PROF. COATS.
Operative Surgery,	12 noon, with practical work at other hours as may be arranged,	2	2	PROF. MACEWEN.
Diseases of Women,	2 p.m., Tu., Th., Fri.,	2	2	PROF. CAMERON.
Insanity,	12 noon, Wed. (University), 10 a.m. Sat. (Gartnavel),	2	2	Dr. Yellowlees.
Eye,	2 p.m., Tu. and Th.,	1	1[4]	Dr. Thomas Reid.
Ear,	4 p.m., Mon. (see p. 102),	1	1	Dr. Thomas Barr.
Throat and Nose,	4 p.m., Th. (University), 4 p.m., Tues. or Friday. (Western Infirmary),	1	1	J. Walker Downie, M.B.

IV.—LAW.

TUESDAY, 25TH APRIL, 1899.

Class.	*Hour.*	*Class Fee.*		
International Private Law,	5.30 p.m.,	£3	3	Mr. W. G. Miller.

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[1] Fee for a Second or subsequent Session, £2 2s.

[2] After first Lecture, the Class will meet in divisions.

[3] Open to all Matriculated Students of the University who have completed their Second Winter of Medical study. This course is supplementary to the Winter course, and takes up special subjects, to be announced in the Summer bills.

[4] Includes fee for attendance at Eye Infirmary.

In addition to the University Courses, the following Hospitals and Dispensaries afford ample means for Practical Instruction in the various departments of Medicine and Surgery :—

WESTERN INFIRMARY.—This Hospital contains 400 beds for medical and surgical patients, including Wards for Skin Diseases, and one for diseases peculiar to females. *Physicians*—Professor Sir W. T. Gairdner, M.D., LL.D., F.R.S.; Professor T. M'Call Anderson, M.D.; James Finlayson, M.D.; Samson Gemmell, M.D.; Professor Ralph Stockman, M.D. *Honorary Consulting Physician*—Gavin P. Tennent, M.D. *Physicians for Diseases of Women*—Professor Murdoch Cameron, M.D.; W. L. Reid, M.D. *Assistant Physicians*—John Alexander, M.D.; William G. Dun, M.D.; R. S. Thomson, M.D.; Geo. Dickson, M.D.; C. O. Hawthorne, M.B. *Surgeons*—Professor George Buchanan, M.D., LL.D.; A. Patterson, M.D.; Hector C. Cameron, M.D.; Professor William Macewen, M.D., LL.D., F.R.S.; J. C. Renton, M.D. *Honorary Consulting Ophthalmic Surgeon*—T. Reid, M.D., LL.D. *Assistant Surgeons*—George T. Beatson, M.D.; T. K. Dalziel, M.B.; James H. Nicoll, M.B.; Duncan Macartney, M.D. *Dispensary Physicians*—James Hinshelwood, M.A., M.D.; R. M. Buchanan, M.B.; R. B. Ness, M.A., M.B.; William MacLennan, M.B.; William R. Jack, B.Sc., M.D. *Extra Dispensary Physicians*—Henry E. Jones, M.B.; Hugh Galt, M.B.; James Carslaw, M.A., M.B. *Dispensary Physicians for Diseases of Women*—Robert Kirk, M.D.; G. A. Turner, M.D.; J. M. Munro Kerr, M.B. *Dispensary Surgeons*—Robert Kennedy, M.A., B.Sc., M.D.; Alfred A. Young, M.A., M.B.; George Burnside Buchanan, B.A. (Cantab.), M.B. *Extra Dispensary Surgeons*—John Morton, M.B.; G. H. Edington, M.D. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Dispensary Surgeon for Diseases of the Throat*—J. Walker Downie, M.B. *Surgeon Dentist*—W. D. Woodburn, L.D.S. *Pathologist*—Professor Joseph Coats, M.D. *Assistant Pathologist*—A. R. Ferguson, M.B. *Vaccinator*—John W. Nicol, M.B. *Medical Superintendent*—Donald J. Mackintosh, M.B. *Lady Superintendent*—Miss Grace Newbery. *Secretary*—Henry Johnston, 125 Buchanan Street. The hour of visit is 9 A.M. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays and Thursdays at 12 noon. The station is recognized by the Local Government Board. Fee, £1 1s. According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10 10s., will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of the said year.

2. That every student who has thus paid £10 10s., and shall at the commencement of his Second Year pay a further Fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4 4s.

5. Any student who shall have paid Fees to the amount of £21 or upwards, in the payments as stated above, shall be entitled to a Ticket, admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. There shall be two courses of Clinical Instruction—the one in the Winter, and the other in the Summer session.

Students who have taken the Hospital Ticket previous to 1st October, 1876, will continue at the scale of Fees then in use, but an additional payment of £10 10s. will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a Fee of £2 2s.

OUT-DOOR VISITATION.—Senior Students who have passed their Third Professional Examination are permitted to visit the sick poor in the Anderston district, under the supervision of certain Professors of the University and assistants.

ROYAL INFIRMARY.—Hour of Visit—Surgical, 9 A.M. ; Medical, 10 A.M. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary, excepting fee for six months, which is £6 6s. in the Royal Infirmary.

EYE INFIRMARY, 170 Berkeley Street.—Hour of Visit, 1 P.M. daily. Fee for six months, £1 1s.; free to those attending the Lectures on the Eye delivered in the University.

INSANITY.—During the Summer Session Dr. Yellowlees gives in the University a Course of Lectures on Insanity at 12 noon on Wednesdays, and Clinical Instruction at the Glasgow Royal Asylum, Gartnavel, at 10 A.M. on Saturdays. Fee for the combined Course, £2 2s.

There are also Hospitals for Diseases of the Skin and Ear, and Clinical Instruction in Fevers is given at the Belvidere Hospital.

FACULTIES IN THE UNIVERSITY.

The whole classes of the University are arranged in five Faculties—Arts, Science, Medicine, Law, and Divinity.

I.—FACULTY OF ARTS.

The Faculty of Arts comprehends four Departments of study, viz.:—A. *Language and Literature*, embracing the classes of Humanity, Greek, English, French, German, Hebrew and Semitic Languages; B. *Mental Philosophy*, comprising Logic and Metaphysics, Moral Philosophy, Political Economy, Education, Philosophy of Law; C. *Science*, including Mathematics, Natural Philosophy, Astronomy, Chemistry, Zoology, Botany, Geology; D. *History and Law*, containing History, Constitutional Law and History, Roman Law, Public Law.

A. LANGUAGE AND LITERATURE.

I. HUMANITY.

The original foundation of this Professorship is not extant; but it appears from the records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

Professors from the year 1706.

1706. Andrew Rosse.
1735. George Rosse.
1754. George Muirhead.
1773. Wm. Richardson, M.A.
1815. Josiah Walker, M.A.
1831. William Ramsay, M.A.
1863. George G. Ramsay, M.A., LL.D.

The Humanity Class consists of four divisions—*Junior*, *Middle*, *Senior*, and *Private* or *Honours Class*, which latter class all members of the ordinary Senior Class have the option of attending. Students not requiring a Public Certificate for the Degree or other purpose may attend as Private Students. Private Students are students who attend the class without taking part in the class work.

In all the classes the students prepare certain work prescribed, and are examined orally every day. In the Private or Honours Class the business is conducted largely by Lectures and Prelections delivered by the Professor.

Junior Class.

The JUNIOR CLASS meets daily from 8 to 9 A.M. on every week day except Saturday. The subjects of study are: Ovid, Tibullus, Virgil, Cicero, Livy—Latin Grammar—Prosody—Easy Latin Prose Composition.

Middle Class.

The MIDDLE CLASS meets daily from 8 to 9 A.M., and from 11 A.M. to 12. The subjects read are: Ovid, Tibullus, Propertius, Virgil, Horace, Cicero, Livy, together with Latin Prose Composition—Grammar—Prosody—History and Antiquities.

Students entering the Middle Latin Class must have a good knowledge of Latin Grammar, and be able to translate at sight simple passages from Latin into English, and both simple and compound sentences from English into Latin. All students desiring to enter the Junior or Middle Latin Class for the first time in October, 1898, will be examined in the above subjects on Friday, 21st October, at 8 A.M., and they will be placed in the Middle or Junior Class, respectively, in accordance with the result of that examination.

Senior Class.

The SENIOR CLASS meets daily from 9 to 10 A.M., and all students attending the Senior Class have the option also of attending the Private or Honours Class from 1 to 2 P.M. The subjects of study in the class at 9 A.M. are :—The works of Horace—Propertius—Virgil—Cicero—Sallust—Livy—Tacitus—Latin Prose Composition—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session. Students may enrol in the Senior Class for Latin Prose only, attending once a week, on Wednesdays at 1 P.M. Section I. meets on Thursdays at 11 A.M.

Private or Honours Class, 1 *p.m.*

This class is an Honours or Third-year Class, at which advanced work is read. All students who attend the 9 A.M. class attend at 1 P.M. also, unless exempted for special reasons.

One subject is read and lectured upon on Mondays and Fridays; another on Tuesdays and Thursdays; on Wednesdays special classes in Latin Prose are held, at which all students of the 9 A.M. class attend. Students are allowed to attend as Private Students, *i.e.* as listeners only, without doing any of the work of the class; but in that case they do not receive tickets qualifying for the Degree.

Students wishing to do Latin Prose, for the Degree or other purposes, may attend one of the special sections for Latin Prose which meet weekly at 1 P.M. on Wednesdays, with the exception of Section I., which meets on Thursdays at 11 A.M.

The students are examined orally and on paper at intervals during the session, both in the subjects read in the class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Terence—Lucretius—Catullus—Propertius—Virgil—Persius—Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin Prose are prescribed regularly, and in the Private Class exercises in Latin or English Verse may be prescribed also.

The subjects read in the Session 1898-99 will be as follows:—

1. Private or Honours Class, at 1 P.M.—Lucretius I., II.; Tacitus, *Annals* II.; Catullus; Virgil, *Æn.* VIII.

2. Senior Class, at 9 A.M.—Horace, *Odes*; Cicero, *De Officiis* II., III.; Horace, *Satires* I.; Antiquities and Prosody.

3. Middle Class, at 8 A.M.—Cicero, *Phil.* I., III., IV.; Virgil, *Georgic* I.; Ramsay's Latin Prose Composition, Vol. I.; *The Student's Rome.*

At 11 A.M.—Virgil, *Æn.* VI.; Livy, XXIII.; Ramsay's Antiquities.

4. Junior Class, at 8 A.M.—Selections from Ovid (Ramsay); Cicero, *Pro Archia*; Ramsay's Latin Prose Composition, Vol. I.

II. GREEK.

This Professorship was founded by the College in or about the year 1581. The Professor is elected by the University Court.

Professors from the year 1704.

1704. A. Dunlop, LL.D.
1746. James Moor, LL.D.
1774. John Young, M.A.
1821. Sir Daniel K. Sandford, M.A.
1838. Edmund L. Lushington, LL.D.
1875. R. C. Jebb, D.C.L., Litt. D., LL.D.
1889. G. G. A. Murray, M.A.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a Public

Certificate may attend as Private Students, *i.e.* without doing the work of the class.

Students are placed in the Middle and Junior Classes respectively in accordance with the result of an examination held at the opening of the session. This examination will be held on Friday, 21st October, 1898. Accurate knowledge of the Elements of Accidence and Syntax will be required. A piece of unseen translation will also be set.

Students who have sat for the University Preliminary Examination need not sit for this special examination.

All students should possess the following books:—*Ancient Atlas*; *Greek Lexicon*, Liddell & Scott (large or intermediate edition—the small edition is not sufficient); some History or Primer of Greek Literature; *Greek Grammar*, Goodwin.

Senior students are recommended to get Gow's *Companion to the School Classics*, and Seyffert's *Dictionary of Classical Antiquities, etc.*, translated by Nettleship and Sandys; or, in place of Seyffert, Smith's two small volumes, the *Classical Dictionary* and the *Dictionary of Antiquities.*

JUNIOR CLASS ('TIRONES').

The Junior Class meets at 12 noon every week-day except Saturday.

The class reads extracts from Xenophon and other Attic writers. There are also written exercises in Greek Composition, and examinations in Grammar.

MIDDLE CLASS ('PROVECTIORES').

The Middle Class meets at 10 A.M. on every week-day except Saturday.

The class usually reads the easier Attic authors, including Lucian. Written exercises in translation from English into Greek and from Greek into English form part of the work.

For teaching purposes the class is sometimes divided into two sections, called 'Upper' and 'Lower' Middle respectively.

SENIOR CLASS.

This is the ordinary qualifying class for graduation; all members of it must have passed the Preliminary Examination in Greek on the higher standard, or an equivalent examination.

The class meets at 8 A.M., and certain members of it at 12 noon, every week-day except Saturday.

The class hour is chiefly occupied by the Professor's lectures, but the class is liable to be examined orally or on paper every day. The work done includes the reading of Greek Authors; Greek Prose Composition; Written Exercises in translation; Greek History, Language, Antiquities, and Literature.

All students requiring a certificate of attendance must duly perform the work of the class; but those who do not require a certificate may attend as Private Students, *i.e.* without doing the work.

HONOURS CLASS ('SENIOR AND PRIVATE').

The Honours Class, or 'Senior and Private,' meets at 12 noon every week-day except Saturday. Members of the Senior Class are recommended to attend, but are not in any way bound to do so; they are not recommended to attempt the work of the class except in so far as it suits their convenience.

The work is similar to that done in the Senior Class, but more advanced, greater attention being given to the History of Literature, Philology, Criticism, and Philosophy. The Honours Students receive private help from the Teaching Staff in addition to the Lectures.

Subjects for Session 1898-99.

JUNIOR CLASS.—Goodwin, *Greek Grammar*; Sidgwick, *First Greek Writer*; Morris, *Stories in Attic Greek*; some Greek author to be selected at the time.

MIDDLE CLASS.—Xenophon, *Anabasis* I.–IV.—Goodwin and White (Macmillan); Scenes from Aristophanes — Sidgwick (Rivingtons); Euripides, *Medea*—Verrall and Bayfield (Macmillan); Composition and Written Translation.

SENIOR CLASS.—Isocrates, *Panegyricus*—Sandys (Longmans); Aristophanes, *Knights*—Merry (Clarendon Press), or Neil (Pitt Press); Herodotus VI.—Strachan (Macmillan); Composition and Written Translation; Holm's History of Greece, Vol. II.

HONOURS CLASS.—*Odyssey*, IX.–XII.; Aeschylus, *Choephori*; Lectures on Aeschylus, *Agamemnon*; Sophocles, *Antigone*; Herodotus VI. and VII.; and Plato, *Phaedo*. (For these lectures the student should have read the books beforehand.) Composition, etc.

III. ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861, and is in the gift of the Crown.

Professors.

1862. John Nichol, LL.D.
1889. Andrew Cecil Bradley, M.A.

N.B.—*Students will find it much to their advantage to take the English Literature Class, as has hitherto been the custom, in the later part of their Course.*

The subjects of the Ordinary Degree Examinations in October, 1898, *and in April and October,* 1899, *will be found on p.* 172. *It is necessary for students who enter for these examinations in a session later than that in which they attended the class, to pay special attention to the information there given.*

The class meets daily, except on Saturday, at 4.30 P.M.

The work of the class will comprise the following subjects :—

1. English Composition. Text-books : Nichol's *Composition Primer*, and Nichol and M'Cormick's *Questions and Exercises on English Composition.*

2. The Outlines of English Philology.

3. English Imaginative Literature from the death of Burns to the death of Byron, with special reference to Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats. Text-books : The poetical works of these authors, together with *Ivanhoe*, *The Heart of Midlothian*, *The Bride of Lammermoor.*

4. (*a*) Shakespeare's *Hamlet* (Clarendon Press edition).
(*b*) Goldsmith's *Vicar of Wakefield* (any edition).

Honours Class.—Lectures will be given on the general history of English Literature from 1350, and on some of the other subjects for the Honours Degree.

The class will meet on Monday, Wednesday, and Friday at 12 noon for lecture, and on Tuesday and Thursday at the same hour Mr. Daniel Rankin will meet the class to give tutorial instruction in Anglo-Saxon.

IV. FRENCH LANGUAGE AND LITERATURE.

This Lectureship was instituted by the University in 1895.

Lecturer.

1895. Alfred Mercier, L.-ès-L.

The French Class meets daily at 2 P.M., and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class will comprise the following subjects :

A. *Literature.*—Mondays and Fridays and alternate Wednesdays. *Mondays*—History of the French Comedy in the 19th century (20 lectures). *Fridays*—Special study of some comedies of Musset, G. Sand, Feuillet, Augier, Scribe, etc. (20 lectures). *Alternate Wednesdays* — Literary essays will be read and corrected.

B. *Language.*—Tuesdays and Thursdays and alternate Wednesdays. I. Translation into and from French. Text-book: Deshumbert, *The Public Examination French Handbook* (London: Nutt). II. Reading of selected pieces of modern poets. III. Outlines of French Philology; History of the French Language; Historical Grammar.

Students who take French for purposes of graduation must attend both classes; but students who do not intend to graduate may take the Language class alone or the Literature class alone. The fee for one class alone is £2 2s.

Honours Class. — For Session 1898-99. 50 lectures. I. Reading, with philological commentaries, of old French texts. Text-book: Gaston Paris, *Extraits de la Chanson de Roland et de la Vie de Saint-Louis* (15 lectures). II. Reading of *Pages choisies de Balzac*, edited by Lanson (Paris: Colin) (15 lectures). III. Critical study of Mr. John Morley's Essays on *J. J. Rousseau* (10 lectures). IV. Literary essays (10 lectures).

V. GERMAN. HONOURS CLASS.—See p. 130.

VI. HEBREW AND SEMITIC LANGUAGES.

(See under Faculty of Theology, p. 117.)

B. MENTAL PHILOSOPHY.

I. LOGIC AND RHETORIC.

This Professorship is one of those founded in the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. John Loudon.
1751. Adam Smith, LL.D.
1752. James Clow.
1787[1]. George Jardine, M.A.
1827[2]. Robert Buchanan, LL.D.
1864. John Veitch, LL.D.
1895. ROBERT ADAMSON, LL.D.

The Logic Class meets daily, on five days of the week, from 9 to 10 A.M.

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[1] Mr. Jardine was assistant and successor to Mr. Clow from 2nd June, 1774.

[2] Mr. Buchanan was assistant and successor to Mr. Jardine from 1st October, 1824.

The Course of Lectures will include the following subjects :—

I. Logic.—(A) Introduction on the Province and General Problems of Logic. (B) Pure Logic, including the treatment of Fallacy. (C) Theory of Scientific Method.

II. Psychology.—A general account of the composition and development of Mind, with a more detailed consideration of the process of knowledge.

III. Metaphysics.—An introduction, historical and critical, to the general questions of Modern Philosophy. The historical reference will concern mainly the doctrines of Descartes, Locke, Berkeley, and Hume.

Students before entering the class are recommended to read some elementary work on Formal Logic, such as Jevons' *Elementary Lessons in Logic* or Fowler's *Deductive Logic*.

An advanced class is held in which lectures are given on some of the subjects prescribed for Honours in Mental Philosophy. During next session this class will meet at 12 noon, on four or five days weekly. The subjects of lecture will be—(A) The Philosophy of Kant. (B) Plato's theory of Ideas. (C) Psychology.

Students before entering the honours class are recommended to read (1) the sections on pre-Kantian philosophy in any history of Modern Philosophy, *e.g.* Kuno Fischer, or Falckenberg, or Erdmann (all of which have been translated into English), and (2) Kant's *Prolegomena*, trans. by Mahaffy.

II. MORAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Gerschom Carmichael.
1730. F. Hutcheson, LL.D.
1746. Thomas Craigie.
1752. Adam Smith, LL.D.
1764. Thomas Reid, D.D.
1796[1]. Archd. Arthur, M.A.
1797. James Mylne, M.A.
1839. William Fleming, D.D.
1866. Edward Caird, D.C.L., LL.D.
1894. Henry Jones, M.A., LL.D.

The Moral Philosophy Class meets at 8 a.m. on five days of the week.

In this class Moral Philosophy is treated both historically and systematically. In connection with the systematic part of the course lectures are given on the metaphysical and psychological implications of Morals, and in connection with the historical part the development of Morals is traced, and an account given of the main ethical theories of ancient and modern times.

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[1] Mr. Arthur was assistant and successor to Dr. Reid from 22nd May, 1780.

The work of the class will further comprise the study of Plato's Republic (translation by Davies and Vaughan), and students are recommended to read in conjunction therewith Bosanquet's *Companion to Plato's Republic*, or Nettleship's *Philosophical Lectures and Remains*, Vol. II.

In the Higher Moral Philosophy Class the Professor will lecture on some of the subjects prescribed for the Degree with Honours. During next session this class will meet at 1 p.m.

III. POLITICAL ECONOMY.

This Chair (called the Adam Smith Chair of Political Economy) was founded by Ordinance No. 149 ot the Universities Commission (1889) of date 25th February, 1896, with an endowment of fifteen thousand pounds sterling, given by Mr. Andrew Stewart, merchant, Glasgow. The patronage is vested in the University Court, conjointly with one representative from time to time elected by the Merchants' House of the City of Glasgow, one representative from time to time elected by the Trades' House of the City of Glasgow, and one representative from time to time elected by the Chamber of Commerce of the City of Glasgow. The professor is a professor in the Faculties of Arts and Law.

Before the founding of the Chair, Political Economy was attached to the Chair of Moral Philosophy till 1892, when a separate lectureship was instituted by the University.

Professor.

1896. William Smart, M.A., D.Phil., LL.D.

The Political Economy Class meets at 2 p.m.

The Lectures, which are partly doctrinal, partly historical, are intended to accompany the study of prescribed books. In the first weeks of the session a general survey of the whole subject will be attempted by the tutorial study of Jevons' small primer (*Political Economy*—Macmillan & Co.); followed by more detailed treatment of Money, Credit and Banking, and International Trade (Text-books: Gide, *Political Economy*;

Dunbar, *Theory and History of Banking*; Bastable, *Theory of International Trade*). Thereafter the lectures will follow the lines of Marshall's *Principles of Economics*, Vol. I. (the larger work, 3rd edit. 1895), viz., Demand and Consumption: the Agents of Production—Land, Labour, Capital, and Organization: Theory of the Equilibrium of Demand and Supply: Value, or Distribution and Exchange.

AN HONOURS CLASS will meet at an hour to be arranged. The leading subjects will be Taxation and Public Finance, but special study will be made of current economic problems as they present themselves.

IV. EDUCATION.

THEORY, ART, AND HISTORY OF EDUCATION.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. DAVID ROSS, M.A., B.Sc., LL.D.

The Education Class meets daily at 3.30 P.M. The course consists of one hundred lectures qualifying for graduation in Arts.

A. THEORY OF EDUCATION.—End and aim of Education. Order and mode of development of the mental faculties. Adaptation of the curriculum to growing capacity. The training of the senses. The laws of association and memory as related to education. Cultivation of the imagination. Development of the will. Formation of habit and character. Authority and discipline. Emulation, praise, blame, rewards, punishment: their aims and methods.

Considerations determining the curriculum. Education, primary, secondary, and higher; classical, scientific, commercial, technical.

B. EDUCATION AS AN ART.—General rules of method as deduced from theory. Modifications and limitations in practice. Correlation of studies. Oral teaching, text-books, note-books. The art of questioning. Model and criticism lessons. Infant and Kindergarten teaching. Object lessons. Detailed exposition of method as applied to the various subjects of the school curriculum. Special cases, the deaf, dumb, and blind.

School organization. The structure and equipment of school rooms. Sanitation and school hygiene, physical exercises, drill, recreation. Books and apparatus. Classification, timetables, registration of attendance and results.

C. History of Education.—Systems of education now or formerly in vogue. The lives and work of eminent teachers. The theories of leading writers on Education.

Special periods will be dealt with from year to year. In 1898-99 the special subjects will be: (1) Education in Ancient Greece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero, Quintilian. (2) Origin and development of Universities; The Revival of Learning, Erasmus, Luther, Ascham, The Jesuits, Montaigne. (3) Modern Primary Education — Pestalozzi, Froebel, Locke, Rousseau, Arnold, Stow.

Books for class work and reference.—Fitch's *Lectures on Education;* Herbert Spencer's *Education;* Browning's *Educational Theories;* Davidson's *Aristotle and the Ancient Educational Ideals*; Ascham's *Scholemaster*; Locke's *Thoughts on Education.*

In April and October, 1899, the subjects of examination for the Degree of M.A. will be those set forth in the preceding paragraphs.

V. PHILOSOPHY OF LAW.

(See under Faculty of Law, p. 111.)

C. SCIENCE.

I. MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1691.

1691. George Sinclair.
1699. Robert Sinclair, M.D.
1711. Robert Simson, M.D.
1761. James Williamson, D.D.
1796[1]. James Millar, M.A.
1832. James Thomson, LL.D.
1849. Hugh Blackburn, LL.D.
1879. William Jack, LL.D.

First Class.

Subjects: *Euclid* and *Algebra*, from the beginning, and

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[1] Mr. Millar was assistant and successor to Dr. Williamson from 26th Feb., 1789.

Trigonometry of right-angled triangles. The class meets from 9 to 10 daily, except on Saturdays.

Second Class.

For students who have attended the First Class, or who have otherwise acquired a knowledge of Euclid, Books I., II., III., IV., and of Algebra, as represented by the first twenty-two Chapters (Chaps. XIV., XV., XIX. excepted) of Todhunter's larger text-book. Subjects: *Euclid*, Books V., VI., and XI. 1—21, more advanced *Algebra*, and the *Elements of Transversals* and of *Geometrical Conics*, *Trigonometry*, including solution of triangles. Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 12 to 1.

Intermediate Honours Class.

Subjects: *Plane Trigonometry*, *Analytical Conics*, *Differential and Elements of Integral Calculus.* The class meets from 10 to 11 daily, except on Saturdays.

Advanced Honours Class.

Subjects: *Integral Calculus*, *Spherical Trigonometry*, *Geometry of Three Dimensions*, *Differential Equations*, *Elements of Finite Differences.* The class meets at 11-12 on Mondays, Wednesdays, and Fridays.

In the case of students who began their course before 1*st October*, 1892, attendance on the Mathematical Classes, for not less than two Winter Sessions, one of which must be on either the Second or the Intermediate Honours Class, is required for the degree of M.A., "unless the candidate at the time of his entrance to the University shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class," in which case attendance on an Honours Class for one session is sufficient.

For the "Lorimer," the "Metcalfe," and the "Muir" Bursaries in Mathematics, see under Bursaries; and for the Cunninghame Gold Medal, see under Prizes.

II. NATURAL PHILOSOPHY.

This Professorship was founded by the Charter of *Nova Erectio* in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1727.

1727. Robert Dick.
1751. Robert Dick, M.D.
1757. John Anderson, M.A.
1796. James Brown, LL.D.
1803. W. Meikleham, LL.D.
1846. Lord Kelvin, D.C.L., LL.D., F.R.S.

The Natural Philosophy Class meets daily at 9 A.M. The hour is chiefly spent in statements of Principles, descriptions of Results of Observation, and experimental Illustrations.

The main divisions of the course are—(1) Abstract Dynamics; (2) Properties of Matter; (3) Sound, Light, Heat, Magnetism and Electricity.

A programme of the subjects which will be taken up, as far as time permits, during the Session 1898-99, will be published before the commencement of the session, and may be had on application at the Natural Philosophy Class-room.

The Course of Applied Higher Mathematics, which meets at 12 noon daily, is devoted to Mathematical Demonstrations and Exercises in Kinetics and Statics, and to a course on some special subject of Mathematical Physics.

The text-books used are—

"A Treatise on Natural Philosophy," by Professors Sir William Thomson (Lord Kelvin) and P. G. Tait (Cambridge University Press); "Elements of Natural Philosophy," by the same authors (Cambridge University Press); "Dynamics and Hydrostatics," by J. T. Bottomley (W. Collins & Sons); "Heat" and "Elasticity," Vol. III. of Lord Kelvin's "Mathematical and Physical Papers" (Cambridge University Press); Ganot's "Physics"; "Absolute Measurements in Electricity and Magnetism," by A. Gray (Macmillan & Co.); "Mathematical Tables," by J. T. Bottomley (Macmillan & Co.); "Physical Units," by M. Maclean.

The more elementary of the treatises by Thomson and Tait, along with Dynamics and Hydrostatics by Bottomley, will be used for the work required of all students of Natural Philosophy in the regular curriculum. Certain specified parts of the larger treatise will be prescribed in connection with examinations and exercises in the class of Applied Higher Mathematics, and for candidates for the Degree of M.A. with Honours.

Students attending this class ought to be well prepared on all the subjects of the Intermediate Honours Mathematical Class.

The Laboratory in connection with the class is open daily from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistants, and the Demonstrator in Experimental Physics.

For the Arnott and Thomson Demonstratorship in Experimental Physics, see p. 120.

III. ASTRONOMY.

(See under Faculty of Science, page 76.)

IV. CHEMISTRY.

(See under Faculty of Medicine, page 85.)

V. ZOOLOGY.

(See Natural History, under Faculty of Medicine, page 83.)

VI. BOTANY.

(See under Faculty of Medicine, page 83.)

VII. GEOLOGY.

(See Natural History, under Faculty of Medicine, page 83.)

D. HISTORY AND LAW.

I. HISTORY.

This Chair was founded by Ordinance No. 28 of the Universities Commission (1889) of date 5th June, 1893. The Professor is appointed by the University Court.

Professor.

1894. RICHARD LODGE, M.A.

The Class meets daily at 10 A.M., except on Saturdays. The course consists of one hundred lectures qualifying for graduation. Students are required to pass three written examinations in the course of the session, and to hand in exercises on subjects set from time to time.

In the session of 1898-99 the Professor will lecture on the Outlines of British History to 1815. The following textbooks are prescribed: Green, *Short History of the English People;* Gardiner, *Student's History of England*, or Ransome, *History of England;* Bright, *English History for Public*

Schools. Books upon special periods will be recommended in a detailed syllabus which will be given to the class.

Honours Class.—This Class will meet on Mondays, Wednesdays, and Fridays at 11 A.M. In each session the Professor will treat some period either of British or European history with special reference to one or more contemporary authors.

In the session of 1898-99 the Professor will lecture on European History from 1714 to 1815. Prescribed books: *Recueil des Instructions données aux Ambassadeurs de France, Autriche* (ed. by A. Sorel) from p. 151; *Mémoires de Frédéric II.; Diaries and Correspondence of the First Earl of Malmesbury.*

The following books are recommended to students attending this class: Martin, *Histoire de France*, Vols. XV., XVI.; Carlyle, *Frederick the Great;* Coxe, *Bourbon Kings of Spain;* Rambaud, *History of Russia;* Paganel, *Histoire de Joseph II.;* Sorel, *La Question d'Orient;* Geffroy, *Gustave III. et la Cour de France;* Seeley, *Life and Times of Stein;* Fyffe, *History of Modern Europe*, Vol. I.; Sorel, *L'Europe et la Révolution Française;* De Tocqueville, *France before the Revolution;* Mignet, *The French Revolution;* Morse Stephens, *The French Revolution;* Lanfrey, *History of Napoleon;* Mahan, *The Influence of Sea Power upon History*, and *The Influence of Sea Power upon the French Revolution and Empire.*

Note.—*The classes recognized as Honours Classes in the Group of* History *are the Honours Classes held by the Professor of History and by the Lecturer in Constitutional Law and History.*

II. CONSTITUTIONAL LAW AND HISTORY.

Lecturer.

1894. William S. M'Kechnie, M.A., LL.B., D.Phil.

(Ordinary Class.—See under Faculty of Law, page 111.)

Honours Class.—In the winter session of 1898-99, in the event of any candidate for Honours in History presenting himself, a course of fifty lectures (qualifying *pro tanto* for graduation with Honours) will be given on the Constitutional History of England in the seventeenth century, with special reference to the period 1625 to 1660. Books prescribed: Hallam, *Constitutional History*; and Gardiner, *Documents of the Puritan Revolution.* Students are also recommended to consult Gardiner, *History of England*; Christie, *Life of Shaftesbury*; Macaulay, *History of England.* The class will meet on Mondays, Wednesdays, and Fridays at 1 p.m.

III. ROMAN LAW.

(See under Faculty of Law, page 109.)

IV. PUBLIC LAW.

(See under Faculty of Law, page 112.)

II.—FACULTY OF SCIENCE.

The Faculty of Science was instituted by Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, and embraces the classes of Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History (including Geology and Zoology), Botany, Anatomy, Physiology, Civil Engineering and Mechanics, and Naval Architecture. In this Faculty there are also Lectureships on Electricity—Pure and Applied, Electrical Engineering, and Organic Chemistry.

I. MATHEMATICS.

(See under Faculty of Arts, page 70.)

II. NATURAL PHILOSOPHY.

(See under Faculty of Arts, page 71.)

ELECTRICITY—PURE AND APPLIED.

This is one of the subjects of study which may be selected by candidates for the Degree of B.Sc. in Engineering.

Lecturer.

1898. MAGNUS MACLEAN, D.Sc.

The Lectures of this course are delivered daily at 9 a.m. during the Summer Session. The Lectures embrace the fundamental definitions and nomenclature in electrostatics, magnetism and electromagnetism; discussion on the dimensions of magnetic, electrostatic, and electromagnetic units; derivation of the practical units—Volt, ohm, ampere, coulomb, farad, etc.; principles and types of electrometers; the principles of the methods, and the laboratory methods usually employed in measuring quantity of electricity, currents, electromotive forces, resistances, capacity, activity, coefficients of induction; principles and tests of dynamo-electric machinery; theory of alternating currents and alternate current instruments.

Students attending this course for the purpose of graduating for B.Sc. (see p. 185) are supposed to have already attended a course in the Physical Laboratory, or to be concurrently attending that course.

III. ASTRONOMY.

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown. By Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, it is now called Astronomy, and the Professor is a member of the Faculty of Science, the Chair having been transferred by the Universities Commission in 1893 from the Faculty of Arts to the newly instituted Faculty of Science.

Professors.

1760. Alex. Wilson, LL.D.
1784[1]. Patrick Wilson, LL.D.
1799. W. Meikleham, LL.D.
1803. James Cooper, D.D.
1836. John P. Nichol, LL.D.
1859. R. Grant, LL.D., F.R.S.
1893. Ludwig Becker, Ph.D., F.R.A.S.

An Observatory has always existed in connection with this Chair. The present Observatory is situated on an eminence in the vicinity of the University buildings. The principal instruments are:—A Transit Circle of six inches aperture, by Ertel of Munich; an equatorially-mounted Reflector, of twenty inches aperture, by Grubb of Dublin, to which is attached an efficient star-spectroscope, of three and a half inches aperture; and an equatorially-mounted Refractor, of nine inches aperture, by Cooke of York. The students' department contains a Theodolite with Circles, fourteen inches in diameter, which is mounted in a rotating hut; and several sextants.

Dr. Wilson, the second occupant of the Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

The Trustees of the Bellahouston Bequest Fund recently made the generous grant of eleven hundred pounds towards the Chair of Astronomy. The money has been expended in bringing the instruments at the Observatory into an efficient state.

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[1] Dr. P. Wilson was assistant to his father from 5th June, 1782.

The Professor of Astronomy is chiefly occupied in directing the operations of the Observatory ; but he also delivers a Course of Lectures on Astronomy at the University during the session, and gives expositions on instruments and methods of observation at the Observatory.

First Class.

Subjects : Elementary Mathematical Astronomy—The celestial sphere, description and theory of instruments, determination of latitude and time. Spherical Astronomy—Precession, Nutation, Aberration, Figure of the Earth, Deductions from Kepler's Laws.

The class meets at 3 P.M. on Mondays, Wednesdays, and every second week on Fridays. Practical Demonstrations at the Observatory.

Books recommended for general reading:—Barlow and Bryan, *Elementary Mathematical Astronomy* (Univ. Corr. Coll. Tutorial Series, London); Young, *Text-book of General Astronomy.*

Second Class.

Subject : Mechanics of the Heavens. A short course of lectures on the Method of Least Squares and its application to Higher Geodesy will be given towards the end of the session, which may be attended by Engineering students instead of the last lectures of this class.

The students ought to be well prepared on the subjects of the Intermediate Honours Mathematical Class.

The class meets at 3 P.M. on Tuesdays and Thursdays, and every second week on Fridays.

The first class counts as a half course for the Degree of M.A. ; the first and second classes, which may be taken in one session, with practical work at the Observatory, are a full course for the Degree of B.Sc.

Students preparing for the Degree of B.Sc. in Engineering Science (under Regulations of 1890) are recommended to study the first eight chapters of Barlow and Bryan's *Elementary Mathematical Astronomy.*

IV. CHEMISTRY.

(See under Faculty of Medicine, page 85.)

V. NATURAL HISTORY.

(See under Faculty of Medicine, page 83.)

VI. BOTANY.

(See under Faculty of Medicine, page 83.)

VII. ANATOMY.

(See under Faculty of Medicine, page 87.)

VIII. PHYSIOLOGY.

(See under Faculty of Medicine, page 88.)

IX. CIVIL ENGINEERING AND MECHANICS.

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the Crown. The emoluments of the Chair were increased in 1872 by a supplemental endowment[1] by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow; and more recently, in 1876, an Assistantship was founded by bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.[2] A lectureship on Electrical Engineering was instituted by the University Court in 1898.

Professors.

1840.	Lewis D. B. Gordon, C.E.
1855.	William J. Macquorn Rankine, C.E., LL.D.
1873.	James Thomson, C.E., LL.D., D.Sc., F.R.S.
1889.	Archibald Barr, D.Sc., M.Inst.C.E.

The courses of the Professor of Engineering extend throughout the winter session, that is, from 20th October till 24th March. They comprise Lectures on Engineering Principles and Practice, Instruction in Geometrical Drawing and in Engineering Drawing and Calculations, and visits to Engineering Works and Manufactories.

These courses are designed primarily to suit students who intend to devote themselves to Civil, Mechanical, Electrical, or Mining Engineering; but the work of the classes will be found of direct practical utility to architects and to men who are engaged in any occupations connected with manufactures.

The work of the classes is not intended in any way to supersede the usual requirements of pupilage or apprenticeship in Engineering, but to enable the Engineer to gain such a knowledge of the principles underlying his profession or trade as he cannot acquire by only working in the office, in the field, or in the workshop. The classes may be attended either before or after pupilage or apprenticeship, or concurrently therewith.

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[1] The annual income of a sum of £5000.

[2] The salary for the Young Assistantship thus founded is £140 or thereby.

Four Courses of Lectures are arranged for, three of which are delivered in each session.

To suit the convenience of men engaged in offices and works, two of the classes are held at 8 A.M., and the advanced course is held at 9 A.M.

CLASS I.—THE MATERIALS OF CONSTRUCTION AND THE ELEMENTS OF APPLIED MECHANICS.—Mondays, Wednesdays, and Fridays at 8 A.M.—The Lectures will treat of the Origin, Preparation, Properties and Uses of the Chief Constructive Materials, especially of Cast Iron, Wrought Iron and Steel, Brass and other Alloys, Timber, Building Stones, Cements and Concrete; and the more Elementary Principles of Mechanics in their application to problems connected with Engineering Structures and Machines.

CLASS II.—SURVEYING, LEVELLING, AND SETTING-OUT OF WORKS.—Tuesdays, Thursdays, and Saturdays at 8 A.M. Surveying with the Chain and with Angular Instruments; Telemetry; Levelling; the Optical and Mechanical Principles, Tests, and Adjustments of Surveying and Levelling Instruments; Setting-out of Works, especially Setting-out of Railways; Mensuration of Areas of Land and of Volumes in Earth Works; the Execution of Civil Engineering Works. The Lectures will treat for the most part of those portions of the subject which are not readily learned in ordinary field and office practice.

CLASS III.—PRIME MOVERS AND THE MECHANICS OF MACHINERY.—This class will not be held during the present session. It is held in alternate years with Class II., on Tuesdays, Thursdays, and Saturdays at 8 A.M.—The Lectures treat of the Sources of Energy; Fuels; the Theory of Steam and Gas Engines; the structural details of Boilers and Engines; the Mechanics of Machinery; the Elements of Machine Design; the Transmission of Power; and Friction and Lubrication in Machines. Attendance on this class should be preceded by attendance on Class I. in the case of students entering with no knowledge of Mechanics.

CLASS IV.—HIGHER APPLIED MECHANICS AND HYDRAULICS.—Daily, except Saturday, at 9 A.M. The Lectures treat of the Strength and Elasticity of Materials, the Strength and Stiffness of Beams, Girders, Columns, Framed Structures, Shafts, etc.; Hydraulics and Hydraulic Appliances, including the Gauging of Water, the Flow of Water in Pipes, and the Principles of Water Wheels, Turbines, and Centrifugal Pumps.

Engineering Drawing and Design.—The drawing class room is open daily, except Saturday, from 9 a.m. till 5 p.m. Each student will be required to attend six hours per week (at times to be arranged at the commencement of the session), and will be expected to devote extra time to the performance of work. The work of the classes will comprise Lectures and Practice in Civil and Mechanical Engineering Drawing; Lectures and Practice in Design of Structures; Descriptive Geometry; and Graphical Statics; and the Kinematics of machinery, and the performance of graphical work and calculations in connection with the lecture courses.

Engineering Laboratory.—Pending the erection of the permanent Engineering Laboratory, accommodation is provided in the present buildings for Laboratory practice in Engineering. The equipment includes appliances for calorimetric tests of fuels, and for economy tests of boilers and of steam and gas engines; a 10-ton testing machine arranged for tests in tension, compression, and bending, and fitted with an autographic stress and strain recorder; apparatus for experiments in the flow of water through orifices and pipes, friction and lubrication in machines.

Electrical Engineering Laboratory work is also provided for in respect to electric lighting, transmission of power, etc.

The Laboratory is open daily and the hours of attendance are arranged with the individual students.

For the purposes of Ordinance No. 23, Section IX. (see page 185), each of the Classes I., II., and III., along with Laboratory practice, counts as a half course; Class IV., together with Laboratory practice, counts as a whole course. Candidates taking the second option under Section IX., *i.e.* candidates for the Degree of B.Sc. on the side of Naval Architecture, are required to take Class IV. together with Laboratory practice.

ELECTRICAL ENGINEERING.

This Lectureship was instituted by the University Court in 1898.

Lecturer.

1898. John Dewar Cormack, B.Sc.

The Lectures of this course are delivered during the winter session, on Mondays, Wednesdays, and Fridays at 11 A.M. The course is recommended to candidates for the B.Sc. Degree in Engineering Science who take the course indicated in Ordinance No. 23, Section IX., 9 (*d*).

The Lectures treat of—Units, Magnetic Properties of Iron, Magnetic Circuits, Design of Electromagnets, Electromagnetic Induction.

Dynamos and Motors—Bipolar and multipolar armatures, commutation, armature reaction, characteristics, losses, efficiencies, regulation and design.

Alternating Currents—Measurement of power, graphical methods of treatment, armatures for alternators, losses, characteristics, efficiency and design of alternators and transformers; Polyphase Currents and Plant; Systems of Distribution.

Recommendation.—It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendance in the University, in engineering or architectural service, in offices, or in workshops, or on works such as railways, water works, or harbour works in progress.

As to the Degrees of B.Sc. and D.Sc. in Engineering Science, see Index.

As to the Certificate of Proficiency in Engineering Science, see Index.

As to the Muir Bursaries, the Metcalfe Bursaries, the Dr. Strang Bursaries, the George Young Bursary, the Walker Prizes and the George Harvey Prize, in the Department of Civil Engineering and Mechanics, see Index.

X. NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

The John Elder Chair of Naval Architecture was founded by the University in 1883. An endowment of £12,500 was provided by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow. The Professor is appointed by the University Court.

Professors.

1883. Francis Elgar, LL.D. | 1886. Philip Jenkins.
1891. JOHN HARVARD BILES.

The courses of the Professor comprise a Junior Course of Lectures and Examinations upon Naval Architecture and Marine Engine and Boiler Design, and a Senior Course of Lectures and Examinations upon Naval Architecture and Marine Engine Design ; also a Junior and a Senior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design. The Junior Course of Lectures and Examinations may be taken in either the first or the second year of the regular curriculum, and the classes will meet on Mondays, Wednesdays, and Fridays at 12 noon, or at any other hour thay may be found convenient. The classes of the Senior Course will be held on Mondays, Tuesdays, and Thursdays from 11 A.M. to 12 noon, or at any other hour that may be found convenient.

The Junior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design is expected to be taken by students in the first year of the regular curriculum ; and the classes will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M, or at any hour that may be found convenient. The classes of the Senior Course will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M., or at any other hour that may be found convenient.

As to the Degree of B.Sc. on the side of Naval Architecture and Marine Engineering, see Index.

As to the Lloyd's Register Scholarship, the Elder Bursaries, the Shipwrights' Company's Bursary, and the Kirk Memorial Prize, see Index.

III.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the Classes of Botany, Natural History, Physics, Chemistry, Anatomy, Embryology, Physiology, Materia Medica, Pathology, Forensic Medicine, Surgery, Clinical Surgery, Practice of Medicine, Clinical Medicine, Midwifery, Insanity, Diseases of the Eye, Diseases of the Ear, Diseases of the Throat and Nose, Diseases of the Skin, and Diseases of Children.

A. The subjects of the *First Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. BOTANY.

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 150, as to Botanic Garden.)

Professors.

1818. Robert Graham, M.D.
1821. Sir W. J. Hooker, LL.D.
1841. John H. Balfour, M.D.
1845. G. A. Walker-Arnott, LL.D.
1868. Alexander Dickson, M.D.
1879. I. B. Balfour, M.D., D.Sc.
1885. FREDERICK O. BOWER, Sc.D., F.R.S.

Lectures are given at the University every Tuesday, Wednesday, Thursday, Friday, and Saturday at 8 A.M., during the summer session. On Saturdays, according as the season and the weather permit, either excursions are made for the study of plants in the field, or microscopic demonstrations are given in the Laboratory.

Demonstrations are given in the Botanic Garden or at the University during the latter part of the session.

The Botanical Laboratory at the University is open daily from 9 A.M. to 4 P.M. from the end of April to the middle of July. Classes for elementary practical work in the Botanical Laboratory are formed during these months at hours, so far as practicable, to suit the convenience of students.

A course of Advanced Lectures, as well as a more extended course of Practical Instruction, designed for candidates for the Science Degree, or other more advanced students, will be given in the Laboratory during the winter session. Notice of times of meeting of these classes will be given in due course.

The University Herbarium may be consulted by students on applying to the Professor.

Students in the Botanical Class may obtain, by applying to the Professor, specimens of plants from the Botanic Garden for private study.

For particulars as to the "Dobbie Smith" Gold Medal, see under "Prizes."

II. NATURAL HISTORY.

This Professorship was founded by George III. in 1807. The Professor is appointed by the Crown. In 1876 the late

Mrs. Honyman Gillespie of Torbanehill endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

Professors.

1807. Lockhart Muirhead, LL.D.
1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.
1866. John Young, M.D.
Honyman Gillespie Lecturer—1876. John Young, M.D.

The arrangements for the ensuing year are as follows:—

1. A course of Lectures on Zoology daily at 9 A.M., beginning in October.

2. A course of Lectures on Geology will begin in January; the detailed arrangements will be announced later on.

3. A course of Laboratory Demonstrations and Lectures for senior students will be given in summer. Laboratory hours 10 A.M. till 1 P.M.

Practical Instruction in Zoology will be given in the Zoological Laboratory during the summer and early part of the winter sessions by the Professor, with the assistance of James Rankin, B.Sc., M.B., C.M.

The Professional Examinations in October, 1898, will have special reference to the *Cœlenterata*, *Gasteropoda*, and *Implacental Mammals;* those in March, 1899, to the *Cephalopoda*, *Brachiopoda*, and *Placental Mammals.*

For the Millport Marine Biological Station, see p. 151.

III. PHYSICS.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. Magnus Maclean, M.A., D.Sc., F.R.S.E.

The Lectures of this course are delivered daily at 11 A.M. during the summer session. The Lectures embrace the fundamental principles of the Dynamics of Solids, Liquids, and Gases; and the Rudiments of the Experimental Sciences—Sound, Light, Heat, Magnetism and Electricity. A detailed programme of these subjects, and a note of the text-books used and recommended, will be given to each student at the beginning of the course.

Two written examinations are held during the session.

There is a tutorial hour weekly, in which additional instruction is given by oral examination and written exercises on the previous lectures.

For the Arnott Prize in General Physics, see Index.

IV. CHEMISTRY.

This Professorship was founded by George III. in 1817, previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University. The Professor is appointed by the Crown.

Lecturers.

1747. William Cullen, M.D.
1756. Joseph Black, M.D.
1766. John Robison, LL.D.
1769. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1791. Robert Cleghorn, M.D.

Professors.

1818. Thomas Thomson, M.D.
1852. Thomas Anderson, M.D.
1874. JOHN FERGUSON, M.A., LL.D., F.S.A.

Assistants.

William R. Lang, B.Sc.
William C. Anderson, M.A., B.Sc.

SYSTEMATIC CHEMISTRY.—The Lectures of this course are delivered daily at 10 A.M. during the winter session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and in the latter part of the course the principles of Organic Chemistry and the more common compounds of Carbon are dealt with. Each year's course is complete in itself, but in alternate years different departments of the Science are treated *in extenso*, Inorganic Chemistry being discussed in full one year, and a shorter time given to Organic Chemistry, while next year the Inorganic department is curtailed, and the Organic more fully treated.

Tutorial Classes.—In addition to attendance at the Lectures, the students are required to attend the Tutorial Classes, each of which meets twice a week. In these classes additional instruction, by means of oral examination and written exercises, is given.

Written examinations of the whole class are held at intervals during the session.

HIGHER COURSES.—In addition to the lectures on Systematic Chemistry short courses on different branches of Applied Chemistry are given, and to meet the requirements of Ordinance No. 12, Section IX. (4) (see p. 182), a higher course will be delivered as required. It will deal with the Rare Elements, Theories of Chemistry, and the History of Chemistry. For lectures on Organic Chemistry see below.

ANALYTICAL CHEMISTRY.—The Laboratory is open daily during the winter and summer session from 10 A.M. to 4 P.M., for instruction in Chemical Analysis and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently, and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students are instructed in quantitative analysis and in the preparation of organic compounds, with a view to qualifying for the higher standard necessary for the Final Science Examination. Opportunity is also afforded for graduates and other advanced students engaging in original investigation. For particulars as to the appointment of Research Students and Fellows, see page 131.

PRACTICAL CHEMISTRY.—This course, which is intended for Medical Students, is given during the summer session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds. Instead of this practical course in summer, Medical students may take a three months' course of Laboratory instruction in winter.

The attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination. For the "Malcolm Kerr," the "Metcalfe," the "George A. Clark" Bursaries, the "Breadalbane" Scholarships, the "Donaldson" Scholarships, the "Mackay Smith" Scholarship, and the "George Roger Muirhead" Prize, in connection with Chemistry, see under "Bursaries," "Scholarships," and "Prizes" in Index.

ORGANIC CHEMISTRY.

This Lectureship was instituted by the University in 1898.

Lecturer.

1898. William Robert Lang, B.Sc., F.C.S.

In order that students may receive systematic instruction in the principles of Organic Chemistry in addition to that given in the ordinary winter course of Lectures, two short courses of Demonstrations and Lectures are delivered, one commencing in January and the other during the Summer Session. The principles of organic analyses and the basis on which the compounds of carbon are classified are explained, and the typical compounds and derivatives of the fatty and aromatic series are specially described. The alkaloids and the other unclassed compounds also receive due notice.

Students proceeding to the study of Physiology, and candidates for the Degree of B.Sc., will find the lectures of great use.

Text-books. — Remsen's *Organic Chemistry;* R. Lloyd Whiteley's *Organic Chemistry.*

B. The subjects of the *Second Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :—

I. ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and University jointly. A separate Professorship of Botany was established in 1818, a distinct Lectureship on that branch having existed for a considerable time previously.

Professors.

1720. Thomas Brisbane, M.D.
1742. Robert Hamilton, M.D.
1756. Joseph Black, M.D.
1757. Thos. Hamilton, M.D.
1781. William Hamilton, M.D.
1790. James Jeffray, M.D.
1848. Allen Thomson, M.D., LL.D., F.R.S.
1877. John Cleland, M.D., LL.D., D.Sc., F.R.S.

Demonstrators.

Alex. Macphail, M.B., C.M.
John Morton, M.B., C.M.
Archd. N. M'Lellan, M.B., C.M.
James F. Gemmill, M.A., M.B., C.M.

In the WINTER SESSION Anatomical Instruction is conducted in the following courses, viz.:—

1. ELEMENTARY DESCRIPTIVE LECTURES.—This class meets on five days weekly from 1 to 2 o'clock. The Lectures comprehend a full systematic description of the Bones, Joints, Muscles and Muscular Organs, and a general view of the Nervous System and Viscera.

2. ADVANCED DESCRIPTIVE LECTURES AND DEMONSTRATIONS.—This class meets on six days weekly from 11 to 12 o'clock, viz., on five days for Lecture, and on Saturday for Microscopical Demonstrations. The course comprehends: 1st, Demonstrations of Regional or Topographical Anatomy, including the Distribution and Relations of the Blood-Vessels and Nerves; 2nd, Histology and a Detailed Description of the Viscera, Brain and Organs of Sense.

3. PRACTICAL ANATOMY or DISSECTIONS under the superintendence of the Professor and Demonstrators. The rooms are open from 9 A.M. to 4.45 P.M. daily, except on Saturdays, when they close at mid-day.

Text-books.—Cleland and Mackay, or 10th edition of Quain's *Anatomy;* Cleland's *Directory for Dissection.*

In the SUMMER SESSION the rooms for Practical Anatomy are open from 8 A.M. to 3 P.M. daily.

EMBRYOLOGY.

A Lectureship on Embryology was instituted by the University Court in 1894, but the first Lecturer, Dr. John Yule Mackay, having resigned before the beginning of the second session, temporary arrangements were made for carrying on the work of the class in 1895 and 1896.

Lecturers.

1894. John Yule Mackay, M.D.
1897. JAMES F. GEMMILL, M.A., M.B., C.M.

The class meets in the Anatomy Class-room at 11 A.M. on Mondays, Tuesdays, Thursdays, and Fridays of the summer session.

II. PHYSIOLOGY.

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839, under the name of Theory of Physic.

It was subsequently known as Institutes of Medicine, and is now, in accordance with Ordinance No. 31 of date 5th June, 1893, designated Physiology.

Professors.

1839. Andrew Buchanan, M.D.
1876. JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.S., F.R.S.E., F.R.C.P.E.

Muirhead Demonstrator.

D. Fraser Harris, B.Sc. (Lond.), M.D., C.M., F.R.S.E., F.S.A.

Second Assistant.

William Brodie Brodie, M.B., C.M.

SYSTEMATIC LECTURES.

The Lectures of this course are delivered daily at 12 noon during the winter session. They are devoted to an exposition of the main principles and facts of the Physiology of Man.

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

Examinations are held during the session.

PRACTICAL PHYSIOLOGY.

During the *summer session* Practical Instruction is given in the Laboratory by the Professor, the Muirhead Demonstrator, and Assistants, to classes of not more than thirty-five students in each class, at such hour or hours as may be found convenient. The hours usually selected are 8 to 9 A.M. and 12 noon to 1 P.M. daily, except Saturday. This course includes :—(1) Instruction in the use of the microscope, and in the microscopical examination of the various tissues with the aid of modern methods of hardening, staining, cutting, and mounting preparations. (2) The analysis of the principal fluids of the body, with special reference to the physiological processes by which they are produced. (3) The modes of observing and recording certain physiological phenomena. Students will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures.

ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

This Class is intended to meet the requirements of candidates for the Degree of B.Sc. It will meet during the winter session at a suitable hour, on two or three days weekly, and the course will comprise fifty meetings. Students will be taught (*a*) the more advanced methods of Physiological Chemistry, (*b*) special methods in advanced Histology, and (*c*) the use of physiological apparatus, the experimental investigation of the properties of muscle and nerve, the physics of the circulation, and the physiology of the senses. This course is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, and to lead the student into the higher departments of physiological science.

The Laboratory.

The Laboratory is open daily from 10 A.M. to 4 P.M., under the superintendence of the Professor, to whom application should be made by those who may wish to pursue original investigation. It is furnished with the most modern appliances both for research and for the illustration of Lectures on Physiology.

Text-books.

For the Systematic and Practical Classes—*Text-book of Physiology*, 2 vols., by Dr. M'Kendrick.

As to the Muirhead Demonstratorship of Physiology, see p. 121.

III. MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

Lecturers.

1766. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1788. Richard Cleghorn, M.D.
1791. Richard Millar, M.D.

Professors.

1831. Richard Millar, M.D.
1834. John Couper, M.D.
1855. John A. Easton, M.D.
1865. John B. Cowan, M.D.
1880. Matthew Charteris, M.D.
1897. **Ralph Stockman**, M.D.

In the courses of instruction and in the scheme of professional examinations prescribed by Ordinance No. 14, the subjects included in the province of this chair are divided into the two branches of Materia Medica and Therapeutics. In the summer course of Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required, and this is supplemented by demonstrations of the most important substances in the British Pharmacopœia. Instruction is given in making up various official preparations, in prescription writing, and in dispensing. The winter course is devoted to Pharmacology and Therapeutics, the official drugs of the British Pharmacopœia being systematically considered in relation to their actions and applications in disease. In addition, lectures are given on the therapeutical aspects of Dietetics, Mineral Waters and Baths, Climate, Electricity, Massage, etc.

Text-books.—The manuals on *Materia Medica and Therapeutics* by Dr. Hale White, Dr. Mitchell Bruce, Dr. Whitla, or Dr. Lauder Brunton; *Practice of Medicine*, by Dr. M. Charteris; *Dictionary of Treatment*, by Dr. Whitla.

C. The subjects of the *Third Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. PATHOLOGY.

This Chair was founded by Ordinance No. 29 of the Universities Commission (1889) of date 5th June, 1893. The patronage is vested in seven Curators, of whom four are nominated by the University Court and three by the Directors of the Western Infirmary. By agreement with the Western Infirmary, full accommodation and facilities for teaching are provided for the University in the Pathological Institute recently erected at the Western Infirmary. By mutual arrangement the Professor is the Pathologist to the Infirmary, and the whole material of that institution is available for teaching purposes.

Professor.
1894. Joseph Coats, M.D.

First Assistant.
Lewis R. Sutherland, M.B., C.M.

Second Assistant (with special reference to Bacteriology).
Alex. Ferguson, M.B., C.M.

Before the founding of the Chair, Pathology had been taught by Dr. Joseph Coats, who was appointed Lecturer in 1890, and who also held and still holds the office of Pathologist to the Western Infirmary.

Two courses are held, one of Pathology in winter, and one of Practical Pathology in summer. In the work of the classes the two Assistants take part, and they conduct tutorial classes during the winter session.

The course of Pathology consists of Systematic Lectures and Demonstrations. The Lectures (Monday, Wednesday, and Thursday) are devoted to an exposition of the fundamental facts and principles of Pathology. In the Demonstrations (Tuesday and Friday) the fresh material from the Infirmary and preparations from the Museum are used as the basis for an exposition of the subjects illustrated. The projection microscope and lantern are used at the lectures and demonstrations, and special microscopic demonstrations are held on Saturdays.

The class of Practical Pathology meets during the summer session four days a week from 3 to 5. The students are taken through a course of Pathological Histology and Bacteriology.

The fee for each course is £3 3s. Students who have had one of the courses may attend the Demonstrations on payment of £1 1s.

The Museum of the Western Infirmary is open to all Infirmary students, and a printed catalogue is provided. The post-mortem examinations, which are conducted from 10 A.M. onwards, are also open to the students. Each student during his curriculum must attend at least twenty post-mortems, and must produce evidence that he has received instruction in the methods of post-mortem examination.

Post-graduate or Laboratory Courses in Practical Pathology and Bacteriology are held in October and March. These courses are open also to students in their fifth year. Particulars may be obtained from the Professor.

Text books.—A Manual of Pathology by Dr. Joseph Coats, and *Practical Pathology* by Dr. J. Lindsay Steven.

II. FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.
1898. John Glaister, M.D., D.P.H. (Camb.), F.R.S.E.

This class will meet daily from 11 to 12 during the summer session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the law.

In the department of Public Health special attention will be given to the subjects of Air, Ventilation and Heating, Water, Food, Meteorology, Injurious Trades, Vital Statistics, Sanitary Law, Disinfection, Disposal of Sewage and Refuse, and Sanitation in general.

During the session students will have an opportunity of visiting, along with the Professor or his assistant, the most important public institutions and works in the district dealing with Disposal of Sewage and Refuse, Disinfection, Ventilation, etc.

Demonstrations, macroscopic and microscopic, will be given frequently during the session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

Written and oral examinations (attendance on which is compulsory) will be held at intervals.

In addition, facilities will be given for studying Practical Toxicology in the Medico-Legal Laboratory at the University.

Public Health Laboratory.—The Laboratory is under the personal supervision of Professor Glaister and his assistant, and is open at hours arranged to suit Classes, for practical instruction in the methods of analysis of air, water, soils, foods, and the detection of adulterations; and instruction in practical meteorology, sanitary appliances, and physics, in relation to public health.

Air.—Estimation of carbonic acid, by Pettenkofer's, Angus Smith's, and other methods; detection and examination of gaseous impurities; estimation of organic impurity by ammonia and Carnelly's process; microscopic examination of matters in suspension; estimation of humidity, dew-point, and tension of vapour.

Water.—Qualitative and quantitative analysis; microscopical examination of sediments; physical and biological examination; comparison and estimation of value of filtering media and filters; mineral and medicinal waters.

Sewage.—Effects of putrification processes; analysis of raw sewage and sewage effluents.

Soils.—Chemical and physical examination.

Foods.—Analysis and detection of adulterants: microscopic examination of food-stuffs; physical, microscopical and chemical examination of milk; analysis of milk, cream, butter, cheese, and oils used as foods; microscopical examination and chemical analysis of starchy foods, sugars, tea, coffee, cocoa, pepper, etc.; examination of preserved foods and detection of their adulterations.

Disinfectants.—Their valuation and comparison; examination of pigments in articles of attire, wall-papers, and those used in trade.

Bacteriology.—Methods of investigation, cultivation, and transmission; preparation of culture media; bacteriological examination of air, water, foods, blood, earth, etc.; microphotographic processes.

Microscopy.—Examination of food substances; parasites—animal and vegetable; crystalline deposits; micro-organisms.

Meteorological Instruments.—Barometer, thermometers, different kinds; rain gauges; anemometers and manometers; hygrometers, and their different forms.

The Laboratory is furnished with all the necessary chemical apparatus, etc., required for analysis, and each student is furnished with a set of apparatus for personally doing the work.

There is a complete collection of model sanitary appliances, including traps, soil stacks, to illustrate "syphoning," etc.; soil-pipes; ventilators; meteorological instruments; and an abundant collection of drawings, diagrams, and illustrative tables.

The Laboratory also possesses a large collection of microscopic specimens illustrative of parasites—animal and vegetable, food characteristics, and bacteriology.

Visits will be made, as arranged, during the Session, to view and inspect modes of sewage disposal, and unhealthy trades, etc.

The Laboratory instruction is recognized for the Diplomas in Public Health of the Triple Scotch Colleges, of the English

Colleges, and of the Universities of Cambridge and Oxford under the new regulations.

Text-books. — Guy and Ferrier's *Principles of Forensic Medicine*; Glaister's *Manual of Public Health for Students, etc.*

N.B.—(*See under Faculty of Law, p.* 109.)

D. The subjects of the *Final Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

Professors.

1815. John Burns, M.D.
1850. James A. Lawrie, M.D.
1860. Joseph Lister, M.B., F.R.S.
1869. Sir George H. B. Macleod, M.D., LL.D., F.R.S.E.
1892. WILLIAM MACEWEN, M.D., LL.D., F.R.S.

The Professor delivers during winter a course extending to about 100 meetings of the class, and consisting of systematic lectures, illustrated by diagrams, casts, and pathological preparations, and of frequent demonstrations, in many of which the electric projection microscope is used for demonstrating surgical pathological histology. There are three written examinations, with oral examinations at intervals. The following is a general outline of the course:—Anaesthesia; wounds and their varieties; haemorrhage and its arrest; the phenomena of destruction and repair of tissues; inflammation; surgical bacteriology; infective processes and diseases dependent upon bacteria and their products; neoplasms; injuries, including fractures and dislocations; Regional Surgery.

During summer Operative Surgery is conducted daily, and consists of descriptive instruction by the Professor in the principal operations, and the performance of recognized operations by the students under supervision.

In the course of Clinical Surgery which the Professor conducts both winter and summer at the Western Infirmary, as part of the regular Clinical Instruction given to University students, practical instruction is given in the methods of clinical observation, surgical diagnosis and treatment. The Professor also takes occasion, as far as the material is available, to draw the attention of the students to the points illustrative of the principles taught in the systematic course.

II. CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. George Buchanan, M.A., M.D., LL.D.

Assistant.

George Burnside Buchanan, B.A. (Cantab.), M.B., C.M.

The Professor teaches Clinical Surgery by "Lectures and other instruction" on the cases of patients affected with injuries, diseases, etc., requiring Surgical treatment. There is a summer as well as a winter course.

The class meets daily at 9 A.M. in the Western Infirmary—Wards XIII. and XIX.; and in the Overtoun Theatre. The work of the week is distributed as follows:—*Monday*—Complete ward visit and clinical remarks at the bed-side. *Tuesday*—Clinical lecture and operations in operating theatre, and ward visit to the most important cases. *Wednesday*—Tutorial class for bandaging, etc., and ward visit. *Thursday*—Clinique—short remarks on new cases, which are examined by the students, with the assistance of the Professor, in the class-room, operating theatre; and ward visit. *Friday*—Clinical lecture and operations in the operating theatre, and ward visit. *Saturday*—Ward visit.

III. PRACTICE OF MEDICINE.

This Professorship, created in 1637, but long suppressed for want of revenue, was revived by the College in 1712, and endowed by Queen Anne in the following year. It is in the gift of the Crown.

Professors.

1714. John Johnstoun, M.D.
1751. William Cullen, M.D.
1756. Robert Hamilton, M.D.
1757. Joseph Black, M.D.
1766. Alex. Stevenson, M.D.
1789. Thomas C. Hope, M.D.
1796. Robert Freer, M.D.
1827. Charles Badham, M.D.
1841. William Thomson, M.D.
1852. John M'Farlane, M.D.

1862. Sir William Tennant Gairdner, K.C.B., M.D., LL.D., F.R.S.

The course is directed to the exposition of the Healing Art in its more practical aspects, having regard to the immensely wide range of diseases usually assigned to the physician and the general practitioner, as opposed to the surgeon and the specialist. The general principles and doctrines which are available at the bedside of the sick are each year carefully and thoroughly considered in connection with such a number and variety of illustrative instances as may be expected to leave a lasting and vivid impression of the essentials of Diagnosis, Prognosis, and Treatment, in so far as these can be advantageously delivered in the form of lectures guided by a systematic plan, conveying not only the opinions of the Professor, but also references to the general history of opinion, and the steps by which the existing knowledge of disease has been built up. Thus, a broad and sufficient basis is obtained for conveying an insight into what may now be regarded as settled medical doctrine, and also, as regards points which cannot be so considered, suggestions as to the direction in which we may reasonably look for guidance in the future. But no attempt is made to give a complete synopsis annually of the details of practice in all departments; for this, the student is of necessity referred to one or other of the current text-books. In 1898-99, the first part of the course will be occupied with the leading, and mostly the chronic, Constitutional Diseases, *e.g.* Atrophy, Anæmia, Scurvy, Gout, Rheumatism, etc.; Tubercle and Syphilis will also be discussed, and, in connection with the latter, certain diseases of the Skin. In the early part of the session instruction will also be given on the elements of Physical Diagnosis, so as to constitute a preparation for hospital and dispensary work. Diseases of the Respiratory Organs, Lungs, Air-passages, etc., including Laryngitis, Croup, and Diphtheria will next come under consideration, and after these, certain Diseases of the Nervous System, as far as time will allow. The Professor has been in the habit of giving two lectures a week in summer in order to overtake subjects left out of the winter course, attendance on these lectures being voluntary, and without additional fee. In the summer of 1898 this course will be upon Renal and Abdominal Diseases. The subjects treated of in summer will form part of the tutorial work of next winter. The course will be illustrated by diagrams and tables, hand-coloured drawings and photographs, etc., wax casts, models, and preparations of morbid Anatomy; and, while Clinical Instruction, as given in the Western Infirmary, will necessarily and properly be kept entirely distinct from systematic, incidental reference will sometimes be made to cases under treatment as illustrating details or principles which it is desirable so to bring home to the student. Sir William T. Gairdner conducts at the Western Infirmary, both in winter and in summer, part of the regular Clinical Instruction given to the Medical Students of the University; and he holds that such instruction (whether given by him or by others) is the only form of "laboratory" or "practical" instruction which has any relation to a course of Practice of Medicine. Tutorial Instruction, however, on the basis of the lectures, and by examination *vivâ voce*, will be given to the class in sections, at separate hours adjusted to the convenience of students, one hour a week being assigned to each section. Three written examinations are held in the course of the winter session, in December, February, and March respectively; and the medals and certificates of distinction are determined upon the basis of these Examinations, for which the tutorial classes are considered as a preparation. The meetings of the whole class (including the written examinations) will amount to about 100 during the winter session.

A portrait-medal of Sir William T. Gairdner is awarded to the most distinguished student in the class of Practice of Medicine. The dies for this medal were presented to the University along with a Portrait of the Professor by his former students, on 28th January, 1893.

Text-books.—Those most generally used in the class are:—Bristowe's *Theory and Practice of Medicine*, or Frederick Taylor's *Manual of the Practice of Medicine*; Finlayson's *Clinical Manual for diagnosis and hospital work*; Whitla's *Dictionary of Treatment*; Yeo's *Manual of Medical Treatment or Clinical Therapeutics*. The following well-known systematic treatises, however, are also recommended, and may be used by those who prefer them, viz.:—The recently published *Principles and Practice of Medicine*, by the late Dr. Fagge, of Guy's Hospital; the equally valuable and highly original treatise of Professor Osler, of Baltimore (written, of course, more from the American point of view); Frederick Roberts;

Pepper's American *Text-book of the Theory and Practice of Medicine*, 1893. Graham Brown's, also Fenwick's *Treatises on Medical Diagnosis*, and Gee on *Auscultation and Percussion*, are smaller and more special works, which will be found very serviceable. Another excellent text-book on Physical Diagnosis is that of Drs. Gibson and Russell of Edinburgh. A still more recent, and a very complete work of the same class, is that of Hutchison and Rainy, *Clinical Methods*, 1897. The well-known dictionaries of Quain and Fowler, with the older one of Reynolds, and the immense Cyclopædia in sixteen volumes (together with Index Vol. and Supplement), edited by Ziemssen (translation 1875-81), though not at all suitable as text-books, may be referred to on particular topics, and are accessible in the Library. The Professor's *Clinical Medicine* (1862) is out of print, but will be found in the Reading-Room, and may be used for occasional reference.

IV. CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. THOMAS M'CALL ANDERSON, M.D.

Assistants.

James Hinshelwood, M.A., M.D.	William R. Jack, B.Sc., M.D.

The class meets five days a week during the winter and summer sessions, and three or four written examinations are held. On Mondays and Fridays the Professor meets the whole class in the lecture-room. On the Monday three or four cases (such as may be studied beyond the immediate vicinity of the patient) are demonstrated; on the Friday a clinical lecture is given on cases in the wards, or upon some subject bearing upon the course. On Tuesdays the Professor meets the junior and on Thursdays the senior division of the class, when there is a demonstration of several cases in the wards. On Wednesdays he makes a ward visit with the clinical clerks. The two medical tutors meet the senior division of the class (in sub-sections) on Tuesdays, and the junior on Wednesdays and Thursdays, when the students are brought individually into contact with the patients, are taught how to investigate their cases, and are instructed in the use of instruments, apparatus, etc. On Saturdays one of the tutors revises with the clinical clerks the cases which they have reported during the week.

V. MIDWIFERY.

This Professorship was founded by George III. in 1815. The Professor is appointed by the Crown.

Professors.

1815. James Towers, M.D.	1834. William Cummin, M.D.
1820. John Towers, C.M.	1840. John M. Pagan, M.D.
1833. Robert Lee, M.D.	1868. William Leishman, M.D.

1894. MURDOCH CAMERON, M.D.

The Lectures embrace the Theory and Practice of Midwifery and the Diseases of Children. The Professor was Physician to the University Lying-in Hospital and Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered circumstances of the school having, however, rendered this situation unavailable for Clinical instruction, other arrangements have now been made by which the Managers of the Western Infirmary have placed a ward for the Diseases of Women under the charge of the Professor. Ample opportunity is afforded for Clinical instruction in Midwifery at the Glasgow Maternity Hospital, to which the Professor holds the appointment of Consulting Physician.

A course of lectures on the Diseases of Women is delivered in summer.

E. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are required also to attend the following courses :—

I. INSANITY.

This Lectureship was instituted by the University in 1880. Great advantages are offered to students for the study of this subject, the Lecturer being Physician-Superintendent of the Royal Lunatic Asylum, Gartnavel.

Lecturer.

1880. DAVID YELLOWLEES, M.D., LL.D.

A course of Lectures is given in the University at 12 noon on Wednesdays during the summer session, and Clinical Instruction at the Asylum, Gartnavel, at 10 A.M. on Saturdays.

For the Mackintosh Mental Science Bursary in connection with this class see "Bursaries."

II. DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are offered to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

Lecturers.

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.
1869. THOMAS REID, M.D., LL.D.

Waltonian Medical Lectureship.

Founded in 1788 by Rev. Dr. William Walton of Upton, in the County of Huntingdon, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,650. It is at present held by DR. THOMAS REID, who is also Lecturer on Diseases of the Eye.

III. FEVERS.

The course of Clinical Instruction in Fevers must consist of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds. Such instruction is given in the Belvidere Hospital.

F. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are also recommended to attend the following courses :—

I. DISEASES OF THE EAR.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. THOMAS BARR, M.D.

Short courses on Diseases of the Ear are conducted both in winter and summer. They are of a practical character, and arrangements are made so that each student who takes the course may, in accordance with the recommendation of the Senate under Ordinance No. 14, Section VII. 10 B, attend at least ten meetings for practical instruction. At these meetings the students are taught how to examine and treat Ear Disease, while illustrative cases are regularly demonstrated. In connection with each course a certain number of lectures are delivered in the University on Mondays at 4 P.M. The practical work is carried on at the Glasgow Ear Hospital or Western Infirmary on days and hours to suit the convenience of students. As it is not considered desirable that there should be an elaborate or complete course of systematic lectures on this subject, it is understood that a suitable book on Diseases of the Ear should be studied by the student while attending the practical course. It will be arranged that those who are desirous of pursuing the subject further may receive more advanced practical instruction in a second course.

Prizes will be awarded to the most proficient students as tested by clinical examination.

Text-book.—Manual of Diseases of the Ear (2nd Edition, 1896), by Thomas Barr, M.D.

II. DISEASES OF THE THROAT AND NOSE.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. JAMES WALKER DOWNIE, M.B., F.F.P. and S.G.

The course of instruction on Diseases of the Throat and Nose is clinical in character, and is conducted in conformity with the recommendation of the Senate under Ordinance No. 14, Section VII., Sub-section 10 B., according to which candidates for graduation in Medicine are recommended to attend a short practical course of ten meetings on this subject. To permit of the necessary sub-division of the class for purposes of practical instruction there is a winter and a summer course, each having about the same number of meetings.

At the beginning of each session, the class meets as a whole at the University on Thursdays at 4 P.M. There the methods of examining the throat and nose, and the apparatus necessary for this purpose, are described and explained : the appearance of the parts in health and as altered by diseases is described, as are also the means of treatment, etc.

The class is then divided into sections for practical instruction. These sectional meetings are held at the Western Infirmary (Throat and Nose Department)—one section on Tuesdays, another on Fridays, at 4 P.M. At these meetings each student is afforded every facility for examining the various patients for himself under the supervision of the Lecturer.

In the Lectures at the University fuller instruction than can be communicated in the presence of the patient regarding pathological conditions seen at the Infirmary is given, and these lectures are illustrated by casts, coloured and photographic diagrams, instruments, anatomical and pathological specimens. While the importance of attendance on the practical instruction at the Infirmary is urged, all members of the class are invited to attend the meetings at the University.

Text-book.—Clinical Manual of Diseases of the Throat, by J. Walker Downie, M.B.

III. DISEASES OF THE SKIN.

The course of instruction on Diseases of the Skin at the Hospital for Skin Diseases is of a thoroughly practical character, and is conducted by Professor M'Call Anderson during both winter and summer sessions. Arrangements have been made to supply short practical courses in accordance with the recommendation of the Senate under Ordinance No. 14, Section VII., Sub-section 10.

IV. DISEASES OF CHILDREN.

Arrangements will be made for enabling students to carry out the recommendation of the Senate, that each candidate for Degrees in Medicine should attend a short practical course on this subject.

IV.—FACULTY OF LAW.

The Faculty of Law embraces the Chairs of Law and Conveyancing, and also the Chairs of Forensic Medicine and

Political Economy. In this Faculty there are also Lectureships on Civil or Roman Law, Constitutional Law and History, Jurisprudence, Public International Law, International Private Law, and Mercantile Law.

For the information of students proposing to enter the legal profession, whether as Advocates or as Law Agents, it may be stated that by the regulations of the Faculty of Advocates, every intrant to the Faculty is required to produce evidence of being duly qualified (1) in General Scholarship, and (2) in Law. In General Scholarship the possession of any one of certain University degrees, including the degree of M.A. from a Scottish University, is deemed a sufficient qualification. If the intrant does not hold a qualifying degree he is required to undergo an examination in certain specified branches of General Scholarship, as to which information may be obtained on application to the Clerk of Intrants to the Faculty. On the expiration of a year after the intrant has been found qualified in General Scholarship, his examination in Law may be proceeded with, subject to these conditions: (1) That he shall not during the year before such examination have engaged in any trade, business, or profession, either on his own account, or as assistant to or in the employment of another; and (2) that he shall produce evidence of attendance, such as is required for admission to examination for a Law degree, in a class of Scots Law and a class of Conveyancing, in a Scottish University, and evidence of the like attendance in a class of (*a*) Civil Law, (*b*) Philosophy of Law and International Law, Public or Private, (*c*) Constitutional Law and History in a Scottish University, or such attendance in another University or School of Law as may seem to the Dean and his Council to be equivalent thereto, and (*d*) Medical Jurisprudence, in a University, or in a School recognized as qualifying for University Degrees. On the production by the intrant of evidence of his having attended the necessary classes (which he may attend in any order he thinks fit), he is examined on (1) Civil Law, (2) Philosophy of Law and International Law, Public or Private, (3) Constitutional Law and History, (4) Medical Jurisprudence, (5) Scots Law, Civil and Criminal, including Procedure, (6) Conveyancing. Information as to the books prescribed may be obtained from the Clerk of Intrants. If, however, the intrant has obtained the degree of LL.B. from a Scottish

University after examination in all the subjects above prescribed for examination in Law, he is held qualified in General Scholarship and Law without examination or other evidence of qualification, subject to the conditions that during the year immediately before presenting his diploma to the Examiners, he shall not have been engaged in any trade, business, or profession, as above set forth, and that he shall have duly presented his petition for admission and appeared before the Examiners prior to the commencement of such year. If the intrant has obtained said degree of LL.B. after passing examinations in one or more of the said subjects he is exempt from examination in these subjects. He must pass in at least two of the subjects at one time. The regulations regarding the "Public Examination," which all intrants, whether graduates or not, must undergo, require that the intrant shall write a Thesis on a Title of the Pandects assigned to him by the Dean, and shall defend it on its being impugned. The question as to the intrant's admission is then decided by the Faculty voting by ballot.

Admission to the profession of a Law Agent is regulated by the Law Agents Act, 1873, and by the Law Agents and Notaries Public Act, 1891, and relative Acts of Sederunt of the Court of Session, prescribing rules as to subjects of examination and certain conditions of admission. The former Act requires in general that every applicant for admission must have served an apprenticeship of five years with a practising law-agent or with a sheriff-clerk in office at the passing of the Act, which apprenticeship, if entered upon after the passing of the Act, must be served under indenture, recorded and intimated as the Act requires. In certain cases, however, an apprenticeship for three years is allowed as sufficient, the excepted cases including that of a person holding a degree in Law or in Arts of a University in Great Britain or Ireland granted after examination.

By an Act of Sederunt, dated 18th March, 1893, which came into operation in terms of an Act of Sederunt of 19th December, 1893, on 1st January, 1895 (but by a subsequent Act of Sederunt of 29th January, 1895, is not to take effect in case of candidates whose indenture is dated on or before 18th March, 1893, until 1st March, 1896), an Act of Sederunt of 20th December, 1873, and all amending provisions in subsequent Acts of Sederunt are repealed except as to anything that has been done in pursuance thereof.[1] The Act of Sederunt of 18th March, 1893, institutes two examinations in General Knowledge, instead of the Entrance Examination and General Knowledge Examination required by the Act of Sederunt of 20th December, 1873, the first of which is to be taken before or within one year after the commencement of apprenticeship, and the second either immediately after the first examination or at any time within three years thereafter. The Act of Sederunt prescribes the subjects of these examinations and of the examination in Law. Lower or Higher Grade Leaving Certificates exempt from the first examination in General Knowledge, and Higher Grade Leaving Certificates from the second examination, Higher or Lower Certificates of the Oxford and Cambridge Schools Examination Board affording similar exemptions. Higher Standard Certificates in the Preliminary Examination for M.A. under Ordinance No. 11 exempt from both of these examinations. A Lower Standard Certificate in the Preliminary Examination for M.A. under Ordinance No. 11 exempts from the first examination in General Knowledge in any subject to which that Certificate applies, and a Higher Standard Certificate exempts similarly from the second examination in General Knowledge. Certificates entitling to exemption from the first examination must be presented to the Clerk of the Board of Examiners of Law Agents before or within one year after the commencement of apprenticeship, and the three years within which the second examination must be taken are reckoned as from the date of such presentation of the certificate. A candidate for admission as Law Agent is exempted from any examination in General Knowledge, if (*inter alia*) he hold a Degree of any University in the United Kingdom granted after examination. By Act of Sederunt of 12th July, 1893, a candidate does not require to undergo examination in General Knowledge if he has been admitted as apprentice under indenture, and passed the entrance examination prescribed under the Act of 20th December, 1873, prior to 18th March, 1893, and has attended classes in Arts in terms of the Act of 20th December, 1873, and has completed attendance in such classes prior to 1st

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[1] The provisions of these earlier Acts of Sederunt may be found n previous *Calendars*.

November, 1895. Further, by the Act of Sederunt of 18th March, 1893, a candidate who holds the degree of LL.B. or B.L. of any Scottish University is exempted from any examination in Law, excepting only on Forms of Process, Civil and Criminal. Candidates who have passed the Entrance Examination under the previously existing rules are exempt from the first examination under this Act of Sederunt, and candidates who have passed the General Knowledge Examination, prescribed by the Act of Sederunt of 20th December, 1873, before 1st January, 1894, are exempted from further examination in General Knowledge, and candidates who have passed the examination in Law under the said Act of Sederunt are exempt from further examination in Law.

For Regulations as to Graduation in Law, see Index.

LAW.

This Professorship is in the gift of the Crown. After being long in abeyance for want of revenue, it was revived by the College in 1712, and endowed by Queen Anne in the following year.

Professors.

1714. Wm. Forbes, Advocate.
1746. Wm. Cross, Advocate.
1750. Hercules Lindsay, LL.D.
1761. John Millar, Advocate.
1801. R. Davidson, Advocate.
1842. Allan A. Maconochie, Advocate.
1855. Geo. Skene, Advocate.
1867. Robert Berry, M.A., LL.D., Advocate.
1887. ALEXANDER MOODY STUART, LL.D., Advocate.

SCOTS LAW.—The course extends to about 100 Lectures, embracing as full a course of Scots Law in each session as the time will permit, and including, so far as practicable, Lectures on the following subjects:—Sources and Development of the Law of Scotland; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality; the Law of Sale; Stoppage *in transitu*; Retention and Lien; Loan; Deposit; Pledge; Hiring, and the Law of Master and Servant; Law of Carriers and Affreightment; Mandate; Partnership; Bills of Exchange; Cautionary Obligations; Law of Heritage; Servitudes; Prescription as applicable to Heritage; Law of Landlord and Tenant; Succession in Heritage and Moveables, Testate and Intestate; Marriage and Divorce, and the Rights of Husband and Wife; Law of Parent and Child; Guardian and Ward; Actions and Evidence; Diligence and Bankruptcy; Criminal Law, etc.

The text-books recommended to Students are Bell's *Principles of the Law of Scotland* and Erskine's *Principles of the Law of Scotland* (late editions).

The class meets five days a week—viz., every day except Monday, from 8 to 9 A.M. At intervals throughout the session the hour is devoted to the ordinary class examinations, which are conducted in writing.

Three Prizes are given by the University for proficiency in the class examinations; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Conveyancing. Prizes are also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commission (1858) of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

Professors.

1862. Anderson Kirkwood, LL.D.
1867. Sir James Roberton, LL.D.
1889. JAMES MOIR, Member of the Faculty of Procurators, Glasgow.

The course extends to about 100 Lectures, and during the session there are both oral and written examinations. As full a course of Conveyancing is given each session as the time permits. The subjects treated will be selected from the following list, viz.: (1) Introductory and Preliminary Lectures. (2) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (3) Heritable Securities. (4) Leases. (5) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (6) The completion of Titles, in case of death, to Heritable and Moveable Estate.

The class meets every day, except Monday, from 8 to 9 A.M.

The text-books recommended are Duff's *Feudal Rights*, with Supplement; *Lectures on Conveyancing*, by Menzies; *Lectures on Conveyancing*, by A. M. Bell; and Craigie's *Statutes*.

Prizes are given for eminence in the class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination held towards the end of the session on some of the subjects of the course; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Scots Law.

FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.
1898. John Glaister, M.D., D.P.H. (Camb.), F.R.S.E.

This course, qualifying for graduation in Law (B.L. and LL.B.), will be delivered during the winter session: time and place to be arranged hereafter.

(*Text-book.—Principles of Forensic Medicine*, by Guy and Ferrier.)

(See under Faculty of Medicine, p. 92.)

POLITICAL ECONOMY.

(See under Faculty of Arts, p. 68.)

CIVIL LAW.

The study of Civil Law in Glasgow is coeval with the establishment of the University. In the University Annals it is recorded that, in 1460, lectures on the Civil Law were delivered in the Chapter-House of the Friars Predicators by Master William of Levenax (Lennox). After being for a considerable period in abeyance, the study of the subject was revived in 1712. In the middle of last century the lectures were for the first time delivered in English; up to that time the prelections were in Latin. For some years during this century the lectures were once more in abeyance, but in session 1873-74 a class was again formed, and was taught in alternate sessions by the Professor of Law. In 1894 the University Court, carrying out a recommendation of the Universities Commission (1876), instituted a separate Lectureship in the subject.

Lecturer.

1895. J. M. Irvine, LL.B., Advocate.

The course extends to eighty lectures. The first part of the course will deal with the Constitutional History of Rome and the history of the development of the law. This part is intended to serve as an introduction to the study of the special departments of the law. The latter part of the course will be devoted to a systematic exposition, in detail, of the various departments of the law, according to the order in which they are treated in Justinian's *Institutes.* The class meets four days a week during the winter session, from 5.30 to 6.30 P.M. Attendance at the class is required of all candidates for Degrees in Law (LL.B. and B.L.); it also qualifies for the Degree of M.A.

Honours in Economic Science.—The lectures in the class of Civil Law up to Christmas, together with about twelve additional lectures given after Christmas separately from the ordinary course on Civil Law, constitute a half course on the History of Civil Law qualifying for the Degree of M.A. with Honours in Economic Science.[1] The additional lectures will deal with the history of Civil Law after the time of Justinian and with the influence of the Civil Law in the development of modern law and existing institutions.

Text-books.—Institutes of Justinian; Eds., Moyle or Sandars. Reference is also frequently made to *Institutes of Gaius*; Eds., Poste or Muirhead. The text-book recommended for students taking the half course in History of Civil Law is Ortolan, *Histoire de la Législation Romaine* (English translation by Cutler).

CONSTITUTIONAL LAW AND HISTORY.

This Lectureship was instituted by the University in 1878, and the class was taught in alternate years during the summer session, the course extending to forty lectures. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, placed the Lectureship upon a new footing. The course was extended to eighty lectures, and the class was made a Winter Class, meeting every year. Attendance upon the whole course is required of all candidates for the Degree of Bachelor of Laws (LL.B.). Attendance upon the first fifty lectures of the course qualifies for the Degree of M.A.,[1] subject to the conditions laid down in Ordinance No. 11, and for the Degree of B.L., subject to the conditions laid down in Ordinance No. 40.

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[1] See third note on p. 164.

Lecturers.

1878. Charles S. Dickson, M.A., Advocate.
1878. Alex. Ure, LL.B., Advocate.
1889. Robert T. Younger, LL.B., Advocate.
1894. William S. M'Kechnie, LL.B., D.Phil.

Ordinary Class.—The course will be partly historical and partly analytical. The historical lectures will trace in outline the development of the Constitution from the Anglo-Saxon migrations to the present reign. The analytical lectures will treat (1) of the safeguards of the rights of individuals, and (2) of the separate parts of the Constitution and the distribution of power in the State.

The text-books recommended are those prescribed for the M.A., B.L., and LL.B. Degrees.

The hour for the meeting of the class is 4.30 p.m.

Honours Class.—(See under Faculty of Arts, p. 74.)

GENERAL OR COMPARATIVE JURISPRUDENCE.

This Lectureship was instituted by the University in 1893, under the title Philosophy of Law. The subject was at an early date treated as an integral part of the course of Moral Philosophy, under the name of Natural Jurisprudence. From 1878 it was treated by the Lecturer on Public Law as introductory to that subject.

Lecturer.

1893. William Galbraith Miller, M.A., LL.B., Advocate.

The course is given on Tuesdays and Fridays during the winter session. Alternate Wednesdays are devoted to tutorial instruction. The lectures discuss the nature, origin and development of the idea of a Right, the relation of Law to other social phenomena, and of Jurisprudence to other branches of Philosophy. Some legal categories will be examined in detail. The same course under the name of Philosophy of Law may be reckoned as a half course for the Degree of M.A.

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[1] See note on p. 162.

The class meets at 5.30 P.M.

Text-books.—(See subjects for Degrees in Law and in Arts.) Reference is constantly made to the ordinary text-books in the other Law Classes, and to the Statutes in ordinary collections.

THE LAW OF NATIONS, OR PUBLIC INTERNATIONAL LAW.

In 1878 the University instituted a Lectureship on Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, created separate courses for Private International Law and for General or Comparative Jurisprudence.

Lecturer.

1878. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

The course is given on Mondays and Thursdays during the winter session. Alternate Wednesdays are devoted to lectures on the history of International Law during the Middle Ages. The doctrinal Lectures discuss the principal doctrines as well as the philosophical principles underlying them. The same course, under the name of Public Law, may be reckoned as a half course for the Degree of M.A.

Students are expected to be acquainted with the elements of the Civil Law, and to have a general acquaintance with Modern European History. *Text-book.*—Hall's *International Law.*

The class meets at 5.30 P.M.

INTERNATIONAL PRIVATE LAW.

From 1878 this subject was treated as part of the course of Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, instituted a Lectureship on International Private Law.

Lecturer.

1894. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

This course is given in the summer session. The lectures discuss the principal doctrines as developed in the decisions of the British Courts contrasted with the results of Continental Jurisprudence. Students are expected to be familiar with the leading doctrines of the Civil Law and of Scots Law. The class meets at 5.30 P.M.

Text-book.—Rattigan, *Private International Law.*

MERCANTILE LAW.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. JAMES MACKENZIE, Member of the Faculty of Procurators, Glasgow.

This course will extend to eighty lectures, discussing as time will permit the following subjects :—Maritime Law, including Ownership, Sale and Mortgage of Vessels, Carriage by Sea, Bottomry, Salvage, and General Average ; Carriage by Land ; Banking ; Bills of Exchange ; Joint Stock Companies ; Marine, Fire, and Life Insurance ; Bankruptcy ; Patents ; and Copyright. Attendance on the whole course may, subject to the conditions laid down in Ordinance No. 39, be reckoned as qualifying for the Degree of LL.B. ; and attendance on forty lectures, constituting a half course, may, subject to the conditions laid down in Ordinance No. 40, be reckoned as qualifying for the Degree of B.L. The class meets at 8 A.M.

V.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four classes of Divinity, Hebrew and Semitic Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the ministry of the Church of Scotland. Under the Act of General Assembly, 1883, consolidating the Acts presently in force in regard to the study of Divinity, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions; and to give at least two full sessions of regular attendance on the classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, *first*, a certificate from the Presbytery within the bounds of which he usually resides, and by which he has been examined on his knowledge of the Holy Scriptures according to the authorized version, and of the Catechetical Standards of the Church; and, *secondly*, a certificate signed by the Convener or Vice-Convener of one of the four Examining Committees appointed, under the Act of Assembly, 1872, to conduct the examination of students previous to their entering the Divinity Hall.[1] In order to be admitted to this examination he must, in accordance with the Act[2] of Assembly, 1896, produce, in addition to the certificate from the Presbytery recommending him, either (*a*) the diploma of a Master of Arts of a Scottish University, or the diploma of a Bachelor of Arts after an undergraduate course at any British or Irish University, or at any Colonial University at which the course is equivalent to that of a Scottish University, and which shall be approved by the General Assembly on a report from the Committee on the admission of ministers and the status of students of Divinity, or evidence that he has passed the examinations for, and is entitled to receive, such diploma of Master or Bachelor of Arts; or (*b*) evidence that he has passed the Preliminary Examination required of those proceeding to the Degree of Master of Arts in a Scottish University, or such examination as the University authorities recognize as equivalent thereto, and that he has attended some one of the courses required for that degree, and has not only attended the classes of the course, but has duly performed the work of each of them.[1] The subjects of examination are Greek (including the New Testament in Greek), Latin, Moral Philosophy, and Hebrew; provided always that a student who produces evidence that he has passed the examination for the Degree of Master or Bachelor of Arts in any of these subjects shall be exempted from examination in that subject.

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[1] The following are the subjects of examination for October, 1898:—LATIN—Cicero, *De Officiis*, Book I.; Horace, *Odes*, Book III. GREEK—Plato, *Crito* and *Euthyphro*. *The Epistles to the Thessalonians*, with Introduction: any text-book. HEBREW—The Grammar—Davidson's *Hebrew Grammar*, Sections 1-30. Genesis, Chapter I. MATHEMATICS—Euclid, Books I., II., and III. Algebra to Quadratic Equations, inclusive. NATURAL PHILOSOPHY—Deschanel, *Physics*. Part II. LOGIC—Jevons, *Elementary Lessons in Logic*. MORAL PHILOSOPHY—Muirhead, *Elements of Ethics* (University Extension Manual). ENGLISH LITERATURE—Morley's *First Sketch*, Chapter XIII.; Ruskin, *Munera Pulveris;* and Browning, *Christmas Eve and Easter Day*. The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the *Missionary Record* of the Church of Scotland for July annually, along with the names of the Conveners and Vice-Conveners of the respective Committees.

[2] The provisions of this Act are applicable to all students beginning their course in Arts with a view to the ministry after May, 1895, and also to such students as have already begun their course and may desire to take advantage of its provisions.

The student, in order to his enrolment *for each subsequent session* of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction with the same, as well as a certificate of his good moral character from the minister of his parish, or, during a vacancy in the parish, from the moderator of the kirk-session.

At the close of each session every student is required to take with him to the Presbytery certificates from the several Professors, under whom he has studied, of his good conduct and proficiency.

By Act VII. of the General Assembly, 1894, it is enacted—that "Candidates for licence who have finished a regular course of study in Theology shall be examined as soon as it can conveniently be done after the close of the Divinity session by one or other of the Examining Committees constituted by Act IX., Assembly 1872. . . . The time and place of examination, with any other necessary information, shall be published in the October number of the *Missionary Record.* The following shall be the heads of subjects of examination :—(i.) Apologetics, including Natural Theology ; (ii.) Church History ; (iii.) Old Testament Introduction and Exegesis ; (iv.) New Testament Introduction and Exegesis ; (v.) Christian Doctrine. . . . The special subjects of examination from year to year . . . as agreed upon by the several Committees, shall be intimated in the July number of the *Missionary Record.* Students who have passed for the Degree of B.D., and who satisfy the Committee that they have done so, shall be exempted from examination in the subjects covered by the Degree of B.D."

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[1] Any student who has gone through a curriculum in Arts in accordance with the provisions of Ordinance No. 11, but who has not graduated, may on application obtain, at the end of his course, a certificate to that effect at the Matriculation Office on production of his Preliminary Examination Certificate and the necessary Class-tickets duly signed.

Students are required to study the art of public reading and speaking under some competent teacher approved by the Faculty of Theology,[1] during at least one hour a week in each of two sessions, the attendance extending in every case over at least sixteen weeks of the session, and to produce, before being taken on trials, due evidence of such attendance.

By Act IX. of the General Assembly, 1895, it is enacted—"that every student before being taken on trial for licence shall produce evidence of having regularly attended two courses of the Pastoral Lectures provided by the Home Mission Committee."

Each student is required during his curriculum to deliver *six* discourses—viz., an EXEGESIS in Latin on some controverted head in Divinity, a HOMILY in English, a CRITICAL EXERCISE on some portion of the original text of the Old Testament, an EXERCISE and ADDITION on some portion of the original text of the New Testament, a LECTURE on some portion of Scripture, and a POPULAR SERMON, with such other exercises as the Professors may think fit to prescribe. No student can be taken on trials for licence by any Presbytery until he has produced, along with class certificates from the Professors of Church History, Hebrew, and Biblical Criticism, a certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses:—(1) That the Homily shall be given in to the Professor of Church History at such time as he shall appoint in the *first* session of the student's course; (2) that the Latin Exegesis shall be given in to the Professor of Divinity, and the Lecture to the Professor of Biblical Criticism, in the *second* year of the student's course, at such times as shall be appointed by these Professors respectively; and (3) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental Languages, and the Exercise and Addition to the Professor of Biblical Criticism, in the *third* session of the course, at such times as shall be appointed by the several Professors. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

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[1] For the purposes of the Act of Assembly, and to qualify for the competition for the Dowanhill Prizes, the following teachers are recognized:—Mr. Thomas Harrower, 282 Bath Street; Mr. William S. Vallance, 291 Sauchiehall Street; Mr. John Forsyth, 20 Rupert Street; Mr. David B. Johnstone, A.Mus., 16 Burnbank Terrace; and Mr. James C. Newlands, 16 Dunearn Street.

DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

Professors.

1640-50. David Dickson.
1642-61. Robert Baillie.
1653. John Young.
1669. Gilbert Burnet, D.D.
1674. David Liddell.
1682. Alexander Ross, D.D.
1688. James Wemyss, D.D.
1692. James Wodrow.
1708. John Simson.
1740. Michael Potter.
1744. William Leechman, D.D.
1761. Robert Trail, D.D.
1775. James Baillie, D.D.
1778. William Wight, D.D.
1782. Robert Findlay, D.D.
1814. Stevenson Macgill, D.D.
1840. Alexander Hill, D.D.
1862. John Caird, D.D.
1873. William Purdie Dickson, D.D., LL.D.

1895. William Hastie, D.D.

The course of Theology extends over three sessions.

The class meets on five days of the week, in two divisions, the Senior at 11 A.M. and the Junior at 12 o'clock.

The subjects treated in the Lectures during the three sessions will be: in the Junior Division—(1) Theology as a Science (Theological Introduction and Encyclopaedia); (2) Apologetics; (3) Philosophy of Religion; and in the Senior Division—(1) The Comparative History of Religions; (2) Biblical Theology; (3) Critical History of Christian Doctrines; (4) Systematic Theology (Dogmatics and Ethics). Essays and Discourses are prescribed to the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the class will be held at intervals during the session.

Pastoral Training.—By a recent arrangement six Lectures on this subject will be given by a Lecturer appointed by the General Assembly.

HEBREW AND SEMITIC LANGUAGES.

This Professorship was founded by Queen Anne, 1709, under the title Oriental Languages. It is now designated Hebrew and Semitic Languages, in accordance with Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893.

The Professor is appointed by the University Court, and is a member not only of the Faculty of Divinity, but also, since 1893, of the Faculty of Arts.

Professors.

1709. Charles Morthland.
1745. Alexander Dunlop, M.A.
1751. William Rouet.
1753. George Muirhead.
1755. John Anderson, M.A.
1757. James Buchanan, M.A.
1761. Robert Trail, D.D.
1761. Patrick Cumin, LL.D.
1814. Gavin Gibb, D.D.
1831. William Fleming, D.D.
1839. George Grey, D.D.
1850. Duncan H. Weir, D.D.
1877. James Robertson, D.D.

By Ordinance No. 11 of the Universities Commission (1889) "Hebrew" and "Arabic or Syriac" are now included among the departments of study for graduation in Arts, and "Semitic Languages" among those for graduation with Honours.

The existing regulations of the Church of Scotland require all students of Divinity to give attendance on Hebrew for two sessions. The following are the arrangements for session 1898-99:—

I.—*Junior Class* (*Hebrew*), five days in the week at 10 A.M. (1) Davidson's *Introductory Hebrew Grammar*, with the Exercises; (2) Readings from the easier books of Scripture; (3) Lectures on Hebrew Archaeology.

II.—*Senior Class* (*Hebrew*), five days in the week at 9 A.M., and Tuesdays and Thursdays at 12 noon. (1) Readings in the Hebrew Scriptures; (2) Exercises in Unpointed Text and Translations from English; (3) Study of the Syntax and the Accents; (4) Revisal and extended study of Grammar.

In each of these classes there will be daily oral examinations, weekly written exercises, and four written examinations during the session. In the Senior Class, at the 9 o'clock hour, the readings will be from the book of Isaiah, Chapters xxi.–xxxix., and Psalms cvii.–cl. At 12 o'clock on Tuesdays there will be prelections on the book of Amos, and on Thursdays lectures on Introduction, particularly on introduction to the books read in the class. All students of Divinity enrolled in the class are required to attend at both hours.

The Senior Hebrew is appointed as the qualifying class for graduation in Arts. Before attending the class for this purpose, students are required by the Ordinance No. 11, sect. iv., 3, to pass a preliminary examination in Hebrew "on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination." Students presenting themselves for this examination will be expected to know as much as is implied in the work of the Junior Hebrew Class, and will be examined in grammar, and in translation both from Hebrew into English and from English into Hebrew.

III.—A class, or classes in *Arabic*, or *Syriac*, to meet at hours that may be found most suitable, will also be formed, if students offer.

ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I., in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

Professors.

1721. William Anderson.
1752. William Rouet.
1762. William Wight, D.D.
1778. Hugh M'Leod, D.D.
1807[1]. William M'Turk, D.D.
1841. Jas. Seaton Reid, D.D.
1851. Thos. T. Jackson, D.D.
1874. William Lee, D.D.
1886. ROBERT HERBERT STORY, D.D., LL.D.

The course extends over two sessions, and embraces a series of lectures as well as oral and written examinations. The Junior and Senior Classes meet at separate hours, the Junior from 11 to 12 o'clock, the Senior from 12 to 1 o'clock.

Both classes are open to non-professional students.

DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861. The Professor is appointed by the Crown.

Professors.

1863. William P. Dickson, D.D.
1873. WILLIAM STEWART, D.D.

This class will meet on five days of the week at 10 A.M.

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[1] Dr. M'Turk was assistant and successor to Dr. M'Leod from 6th March, 1797.

The course of lectures is arranged to extend over two sessions; and the class should accordingly be attended in two *consecutive* years.

The lectures in 1898-99 will treat of the principles of Interpretation, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on subjects suggested by the work of the class are prescribed at intervals during the session, and the progress of the students is further tested by examinations, partly oral and partly written.

Class of New Testament Greek.—This tutorial class is intended for those who are preparing to pass the examination on the *New Testament in Greek* previous to entering the Divinity Hall, and for those who, with a view to the Exit Examination at the close of the Divinity course, desire to extend their knowledge of New Testament Greek. It will be formed only if a sufficient number of students present themselves, and will meet on three days of the week, viz., Monday, Wednesday, and Friday at 9 A.M.

IV.—DEMONSTRATORSHIPS, ETC.

THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively £2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

Demonstrator.

1875. James Thomson Bottomley, M.A., D.Sc., F.R.S.

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In January, 1877, the late Dr. Henry Muirhead of Longdales, Bothwell Parish, and afterwards of Cambuslang, presented to the University the sum of £2,100, and in November, 1879, a further sum of £400, to endow a Demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of Physiology. The regulations with reference to the appointment are as follows:—

1. That the title of the appointment be "The Muirhead Demonstrator of Physiology."
2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes of Systematic and Practical Physiology and in original investigation.
3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.
4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.
5. That the incumbent will be expected to devote his entire time to the duties of the appointment.
6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

Present Demonstrator.

David Fraser Harris, B.Sc., M.D., C.M., F.R.S.E., F.S.A.

THE WILLIAM BAXTER DEMONSTRATORSHIP IN GEOLOGY.

This Demonstratorship was founded by the Trust Disposition and Settlement of Mr. William Baxter, Hillhead, Glasgow, who died on 20th November, 1888, and bequeathed to the Senate the sum of £2,500, free of legacy duty, the annual income of which, less the cost of management, he directed should be paid half-yearly to the Demonstrator on the joint certificate of the Clerk of Senate and the teacher of Geology for the time being. The Senate are the patrons of the Demonstratorship.

The following Regulations, drawn in terms of the Founder's will, were adopted by the Senate on 28th February, 1889 :—

1. The Demonstratorship shall be held for three years, and shall be open to the candidate who in the three years intervening between each appointment shall have passed the Degree of B.Sc. with Honours, or, in the event of several candidates obtaining Honours, to the candidate whose aggregate marks for the whole subjects of the said degree are the highest; but in the event of no candidate attaining to Honours, the Senate may, if they see fit, award the Demonstratorship to the candidate who shall stand highest in the list, provided his average of marks over all the said subjects is not less than 70 per cent., but any candidate who fails to obtain at least 70 per cent. of marks in the Department of Geology shall *eo ipso* be disqualified to hold the Demonstratorship.

2. The three years' tenure of office shall be subject to the condition that the incumbent discharges the duties of the office to the satisfaction of the Senate, who have power "to deprive any Demonstrator of his stipend, or a part thereof, should they at any time become dissatisfied with his conduct or his ability to carry out the duties of his office, or with the character of his lectures, or for any other reason they may consider sufficient," the Demonstrator having the right of appeal to the University Court in the event of such deprivation.

3. The duties of the Demonstrator shall be :—

(1) To deliver two courses of lectures—twenty in the winter, twenty in the summer session—(*a*) on Mineralogy and Petralogy, or (*b*) on Palæontology, or (*c*) on Physical Geography. These lectures to be accompanied by Demonstrations on specimens selected from the Hunterian collections with the consent of the Keeper.

(2) To give Field Demonstrations of Geology and Petralogy, under the direction of the Professor of Natural History (or of Geology when that Chair shall be founded).

(3) To carry on original work in any department of Geological Science which he may select, obtaining therein such assistance by specimens as the Keeper of the Museum shall find it in his power to give.

4. These courses of lectures may be attended (*a*) by matriculated students of Geology, free; (*b*) by any matriculated student not a member of the class of Geology, on payment to the Demonstrator of a fee of £1 1s. for each course, or such higher fee as the University Court may fix; (*c*) by any member of the Geological Society of Glasgow on payment of five shillings in lieu of matriculation fee for the winter or summer session, in addition to the authorized class fee.

5. In the event of no appointment being made, or of the Demonstrator resigning, retiring, or being deprived, the revenue accruing during the period of vacancy shall be added to the capital, and the annual income thereof to the stipend payable to the Demonstrators.

The first appointment was made in April, 1889; in the ordinary course an appointment should have been made in April, 1895, on the results of the examinations for B.Sc., held between May, 1892, and April, 1895, but there was no one eligible in terms of the regulations. An appointment would have been made in April, 1896, had an eligible candidate appeared.

Present Demonstrator.

1897. ALEXANDER VEITCH LOTHIAN, M.A., B.Sc.

GIFFORD LECTURESHIP ON NATURAL THEOLOGY.

This Lectureship, as well as similar Lectureships in the other Scottish Universities, was founded in 1887 in accordance with the Trust Disposition and Settlement of the late Adam Gifford, sometime one of the Senators of the College of Justice, Scotland. Lord Gifford directed his Trustees to pay over to the Senatus Academicus of the University of Glasgow the sum of Twenty Thousand Pounds for the purpose of establishing a Lectureship or Popular Chair for promoting, advancing, and diffusing the study of Natural Theology, in the widest sense of that term—in other words, "the Knowledge of God, the Infinite, the All, the First and Only Cause, the One and the Sole Substance, the Sole Being, the Sole Reality, and the Sole Existence, the Knowledge of his Nature and Attributes, the Knowledge of the Relations which men and the whole universe bear to Him, the Knowledge of the Nature and Foundation of Ethics or Morals, and of all Obligations and Duties thence arising." The Senate are the Patrons. The Lecturer is appointed for a period of two years and no longer, but the same Lecturer may be reappointed for other two periods of two years each, provided that no one person shall hold the office of Lecturer in this University for more than six years in all. The Lecturer is subjected to no test of any kind, and he is not required to take any oath, or to emit or subscribe any declaration of belief, or to make any promise of any kind. The Founder expressed a wish that the subject should be treated as a strictly natural science, like astronomy or chemistry. Matriculated students and others may attend the Lectures.

1888. Professor Max Müller.
1892. Principal Caird, D.D., LL.D.
1893. Professor William Wallace, M.A.
1895. Principal Caird, D.D., LL.D.
1896. Professor Alexander B. Bruce, D.D.
1898. Professor MICHAEL FOSTER, M.D., LL.D.

M'CALLUM CELTIC LECTURESHIP.

The late Rev. Archibald Keily M'Callum, LL.D., by his holograph will, dated 8th March, 1881, to which were attached three codicils (the last dated 27th January, 1892), directed his Trustees, among other purposes, to devote an annual sum to a Lectureship, or a course of not fewer than fifteen Lectures, on Celtic Literature. He left detailed directions as to certain subjects which were to be among those discussed. The Lecturer will be appointed by the University Court for a period of three years, and will be eligible for re-election after a subsequent appointment for three years has been made. Matriculated students and others may attend the Lectures. Dr. M'Callum also directed that his library should be handed over to the University as a nucleus for a Celtic Library for the use of the Lecturers and such students as may attend the Lectures, and any others interested in Celtic Literature. The Library is to be kept separate and designated "The Celtic Lectureship Library," the sum of £10 to be annually paid by the Trustees towards making additions thereto.

V.—WOMEN'S DEPARTMENT.

QUEEN MARGARET COLLEGE.

In February, 1892, the Universities Commission issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. The Council of Queen Margaret College, having considered the provisions of this ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a Committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and the students in session 1892-93 were admitted matriculated students of the University. In 1893 the College was dissolved, and the funds were handed over to the University Court, but the name "Queen Margaret College" survives as designating the part of the University buildings and grounds which is devoted to the education of women.

The classes in Queen Margaret College will meet as follows daily, unless otherwise specified :—

WINTER SESSION 1898-99.

I.—ARTS.

THURSDAY, 20TH OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Latin, Class I.,	9.45 a.m.,	£3 3	PROF. RAMSAY, Mr. John Brown, and Mr. D. Rankin.
—— *Class II.,*	3 p.m.,	3 3	
Greek, Class I.,	12 noon,	3 3	PROF. MURRAY and Mr. G. Macdonald.
—— *Class II.,*	8.45 a.m.,	3 3	
English Language and Literature,	2 p.m.,	3 3[1]	Mr. A. A. Jack.
French Language and Literature,	10 a.m.,	3 3	Mr. Alfred Mercier.
German Language and Literature,	11 a.m.,	3 3	Dr. A. Tille.
Logic,[2]	12 noon,	3 3	Mr. N. D. Smith.
Logic,[2] (at the University),	9 a.m.,	3 3	PROF. ADAMSON.
Moral Philosophy,[3]	11 a.m.,	3 3	Mr. R. A. Duff.
Moral Philosophy[3] (at the University),	8 a.m.,	3 3	PROF. JONES.
Political Economy (Do.),	2 p.m.,	3 3	PROF. SMART.
Education (Do.),	3.30 p.m.,	3 3	Dr. Ross.
History (Do.),	10 a.m.,	3 3	PROF. LODGE.
Mathematics Class I.,	8.45 a.m.,	3 3	PROF. JACK and Mr. Carslaw.
—— *Class II.,*	2 p.m.,	3 3	PROF. JACK and Mr. Lindsay.
Natural Philosophy,	3 p.m.,	4 4[4]	Prof. Blyth.
Physical Laboratory,	Sat., 10 a.m. to 12 noon,		
Chemistry,	12 noon,	3 3[1]	Mr. T. Gray
Chemical Laboratory,	10 a.m. to 1 p.m.,	£3 3 to 5 5	

II.—MEDICINE.

THURSDAY, 20TH OCTOBER.

Classes.	*Hours.*	*Class Fees.*	
Chemistry,	12 noon,	£3 3[1]	Mr. T. Gray.
Chemical Laboratory,	10 a.m. to 1 p.m.,	£3 3 to 5 5	
Practical Chemistry,	9–11 a.m., Tues. and Thurs.,	3 3[1]	
Physics,	3 p.m., Mon., Wed., and Fri.,	3 3[1]	Prof. Blyth.
Physical Laboratory,	10–12, Saturdays,		
Anatomy, Junior,	11 a.m.,	3 3[1]	Dr. T. H. Bryce.
—— *Senior,*	3.15 p.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 5 p.m.,	3 3[5]	
Physiology,	2 p.m.,	3 3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.

[1] Fee for a second or subsequent session, £2 2s.

[2] Women students may select either class of Logic.

[3] Women students may select either class of Moral Philosophy.

[4] Fee for a second or subsequent session, £3 3s.

[5] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Materia Medica and Therapeutics,	4 p.m.,	3 3[1]	PROFESSOR STOCKMAN and Assistant.
Pathology, Systematic,	8 a.m.,	3 3[1]	Dr. Workman.
Surgery,	4 p.m.,	3 3[1]	Dr. Pringle.
Clinical Surgery,	9 a.m.	(see Hospitals).	
Practice of Medicine,	11 a.m.,	3 3[1]	Dr. J. W. Anderson.
Clinical Medicine,	9 a.m.,	(see Hospitals).	
Midwifery,	12 noon,	3 3[1]	PROFESSOR CAMERON and Dr. J. M. M. Kerr.

SUMMER SESSION, 1899.

MEDICINE.

TUESDAY, 25TH APRIL.

Classes.	*Hours.*	*Class Fees.*	
Botany,	11 a.m.,	£3 3[1]	Mr. W. H. Lang.
Practical Botany,	3.30 p.m.,	3 3[1]	
Zoology,	1 p.m.,	3 3[1]	PROFESSOR YOUNG and Mr. J. Rankin.
Practical Zoology,	2 p.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 5 p.m.,	2 2[2]	Dr. T. H. Bryce.
Embryology,	11 a.m., Mon., Tues., Wed., Thurs.,	2 2	
Practical Anatomy and Embryology, if taken together,		3 3	
Practical Pharmacy,	10.30 a.m.,	3 3[1]	PROFESSOR STOCKMAN.
Practical Physiology,	2 p.m.,	3 3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Forensic Medicine,	12.30 p.m.,	3 3[1]	PROFESSOR GLAISTER.
Practical Pathology,	10.30 a.m.,	3 3[1]	Dr. Workman.
Insanity,	12 noon, Wed., University, at Gartnavel 1 day weekly	2 2	Dr. Yellowlees.
Diseases of the Eye,	4 p.m., Tues. and Fri., and Clinique, 1–4 p.m. on Mon. and Wed., and 2 p.m. on Th.	2 2	Dr. A. M. Ramsay.

NOTE.—The preceding tables give the names of the teachers and the class-hours as in 1897-98. Some alterations may be found necessary in 1898-99.

HOSPITALS.—Royal Infirmary—First year, £10 10s.; Second year, £10 10s.; six months, £6 6s.; three months, £4 4s. Royal Hospital for Sick Children—twelve months, £1 1s. Glasgow Maternity Hospital—£2 2s.

SCIENCE CLASSES.—Of the subjects above enumerated the following are also in the Faculty of Science, viz.: Mathematics, Natural Philosophy, Chemistry, Botany, Zoology, Anatomy, Physiology, and attendance upon the lectures and in the practical classes qualifies for graduation in Science.

The Honours Classes in Arts and the Higher Classes in Science at the University are open to women.

The arrangements for the classes in Queen Margaret College are similar to those of the classes for men, with the exception of English, French, German, Logic, Moral Philosophy, and Natural Philosophy, the arrangements for which are as follows:—

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[1] Fee for a second or subsequent session, £2 2s.

[2] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture courses, may afterwards enrol in Practical Anatomy at £1 1s.

ENGLISH LANGUAGE AND LITERATURE.

Lecturer.

1895. A. A. Jack, M.A., LL.M.

The work of the class will comprise the following subjects:—1. Imaginative Literature from the death of Burns to the death of Byron, with special reference to the poetry of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, and to the novels of Scott, and perhaps of Miss Austen. Text-books:—The poetical works of the authors named, and the following novels, *Ivanhoe*, *The Heart of Midlothian*, *The Bride of Lammermoor*, and perhaps *Pride and Prejudice* and *Persuasion.* 2. English Composition. 3. The Outlines of English Philology. 4. (*a*) *Hamlet* (Clarendon Press Edition); (*b*) *The Vicar of Wakefield.*

Subject 1 will be taken on Mondays, Fridays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Literature Class. Subjects 2, 3, and 4 will be taken on Tuesdays, Thursdays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Language Class. Students who take English for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone, or (if they have attained the age of 18 years) the Literature Class alone. The age limit may be dispensed with on certain conditions. The fee for the Language Class or the Literature Class alone is £2 2s.

Books recommended for summer reading:

1. Mr. Stopford Brooke's *Primer of English Literature; Selections from Wordsworth*, *Shelley*, *Byron*, *Keats*, in the "Golden Treasury Series" (all Macmillan).
2. Professor Nichol's *Composition Primer* (Macmillan).
3. Mr. Champney's *History of English* (Rivington).

For further details as to the work of these classes, and as to the Honours Class, see p. 65. For Vacation work, and for the Nichol Memorial Prize, see Index.

FRENCH LANGUAGE AND LITERATURE.

Lecturer.

1895. Alfred Mercier, L.-ès-L.

The class meets daily at 10 a.m., and the course qualifies for graduation in Arts.

The work of the classes will comprise the following subjects:—

A. *Literature.*—Mondays and Fridays, and alternate Wednesdays. *Mondays.*—History of the French Comedy in the 19th century (20 lectures). *Fridays.*—Special study of some comedies of Musset, G. Sand, Feuillet, Augier, Scribe, etc. (20 lectures). *Alternate Wednesdays.*—Literary essays will be read and corrected.

B. *Language.*—Tuesdays and Thursdays, and alternate Wednesdays. I. Translation into and from French (Text-book—Deshumbert, *The Public Examination French Handbook*: London, D. Nutt). II. Reading of selected pieces of modern poets. III. Outlines of French Philology: History of the French Language; Historical Grammar.

Students who take French for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class alone or the Literature Class alone is £2 2s.

Honours Class.—See p. 66.

GERMAN LANGUAGE AND LITERATURE.

Lecturer.

Alexander Tille, Ph.D.

The work of the ordinary class will comprise the following subjects:—

A. *Language.*—Fifty Lectures in English. Syntax of the Modern German Language, with special reference to the historical relationship of the German and English languages (20 lectures). *Text book*—Brandt, *A Grammar of the German Language* (Boston, 1895). Translation into German of Stevenson's *Virginibus Puerisque* (10 lectures). Reading of Körner's *Zriny*; Tieck's *Junger Tischlermeister*; Kleist's *Penthesilea*; Lenau's *Faust*; Platen's *Abassiden*; Heine's *Lieder und Gedichte* (ed.

Buchheim, "Golden Treasury Series"); Uhland's *Lyrics*; Hebbel's *Maria Magdalena*; Freiligrath's *Gedichte*; Freytag's *Aus meinem Leben*; Jordan's *Sebalds*; Wildenbruch's *Karolinger* (20 lectures). Essays will be written every fortnight.

B. *Literature.*—Fifty Lectures in German. An historical and critical study of the German literature after Goethe's death, including the Romantic School, Young Germany, the social and the historical novels, the classical and the modern dramas, Romantic and modern lyrics (40 lectures). Discussion in German of selected works of modern German literature (10 lectures). *Text-book*—W. Wackernagel, *Geschichte der deutschen Literatur* (Basel, 1879), Vol. II.

The Lectures under A will be given on Mondays, Thursdays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Language Class. The Lectures under B will be given on Tuesdays, Fridays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Literature Class. Students who take German for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class or the Literature Class alone is £2 2s.

Honours Class (50 lectures).—This class will be held in the University on Mondays, Thursdays and alternate Wednesdays at 12 noon. It is open to both men and women. A. *Language* (25 lectures in English).—German Phonetics; Studies in eighteenth century German; German Style; German Prosody. *Text-books*—Brandt, *A Grammar of the German Language* (Boston, 1895). Essays to be written every month. B. *Literature* (25 lectures in German).—Lessing's Life and Letters. *Text-books*—*Lessing's Works*, ed. by Muncker; Danzel u. Guhrauer, *Lessing's Leben*; Erich Schmidt, *Lessing*.

LOGIC.

Lecturer.

NORMAN D. SMITH, M.A.

This class meets daily at 12 noon, and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class includes the subjects stated in the syllabus of the class of Logic and Rhetoric (see p. 66).

MORAL PHILOSOPHY.

Lecturer.

ROBERT A. DUFF, M.A.

This class meets daily at 11 a.m., and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class includes the subjects stated in the syllabus of the class of Moral Philosophy (see p. 67).

NATURAL PHILOSOPHY (PHYSICS).

Lecturer.

JAMES BLYTH, M.A., F.R.S.E.

This class will meet daily at 3 p.m., except on Saturdays; also, for practical work, on Saturdays, 10 to 12. The course will include :—

(1) Experimental Physics (Properties of Matter, Sound, Heat, Light, Magnetism, Static Electricity, Voltaic Electricity, Electro-Magnetism), Mondays, Wednesdays, and Fridays. The Lectures will be fully illustrated by experiment.

(2) Theoretical Mechanics (Elementary Kinematics, Elementary Dynamics), Tuesdays and Thursdays.

(3) Practical Physics, Saturdays, 10 to 12. The students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments, so as to verify natural laws and obtain numerical results.

Text-book.—Balfour Stewart's *Elementary Physics* or Knott's *Elementary Physics.*

Students intending to take a Degree in Arts must take the whole course. The requirements of students preparing for Degrees in Medicine will be met by the first division of the course, and by attending three days weekly, viz., Mondays, Wednesdays, and Fridays.

VI.—SPECIAL STUDY AND RESEARCH.

In Ordinance No. 61, the Universities Commission (1889) made the following regulations for the encouragement of special study and research, and for the appointment of Research Fellows :—

I. It shall be in the power of the Senatus Academicus in each University, with the approval of the University Court, to make regulations under which graduates of Scottish Universities or of other Universities recognized by the University Court for the purposes of this ordinance, or other persons who have given satisfactory proof of general education and of fitness to engage in some special study or research, may be admitted to prosecute such study or research in the University.

II. It shall be the duty of the Senatus Academicus in each University—(1) To receive and decide upon all applications for admission to prosecute special study or research; (2) To prepare a list of all persons so admitted (hereinafter referred to as Research Students); (3) To make regulations for the supervision of their work; (4) To satisfy themselves from time to time that the Research Students are carrying on their work in the University in a satisfactory manner; (5) To suspend or exclude from any course any student whose conduct or progress is unsatisfactory.

III. Every applicant for admission must send in to the Senatus Academicus a written application stating any degree or other distinction which he has already obtained, the line of study or research which he wishes to prosecute and the probable period of its duration, together with evidence as to his character, capacity, and general qualifications.

IV. Any application for admission shall be in the first instance referred by the Senatus Academicus to the appropriate Faculty, or to a Committee appointed by the Senatus; one member of the Committee shall always be a Professor or Lecturer within whose department the proposed line of study or research falls. No applicant shall be recommended by the Faculty or the Committee who has not satisfied them by examination or otherwise that he is qualified to prosecute the proposed line of study or research, and further—(*a*) That his proposed line of study or research is a fit and proper one; (*b*) That he possesses a good general education; (*c*) That he is of good character; (*d*) That he proposes to prosecute his studies or research during a period to be approved by the Senatus Academicus. The Faculty or the Committee shall make a report to the Senatus Academicus upon each application. It shall also be their duty, subject to the regulations of the Senatus Academicus, to provide for the supervision of the

Research Student's work, and to report at least once a year to the Senatus as to his progress and conduct. The Senatus shall then determine whether he shall remain a Research Student.

V. Every Research Student shall be required to matriculate each year, paying the ordinary fee.

VI. Research Students shall have access to and the use of the University Laboratories and Museums, under such conditions as to payment and otherwise as the University Court, after consultation with the Senatus Academicus, may determine.

Under this section the following regulations have been made:—1. In each laboratory each Research Student shall make payment of a sum which is estimated by the Professor as sufficient to cover the ordinary expenses incident to the Research Student's work. Apparatus and material beyond what is included in the ordinary operations of the laboratory shall be charged to the Student, unless the Professor judges that such apparatus and material will be a useful addition to the laboratory. But it shall be in the power of each Professor to propose to the University Court in any particular case that these payments may be remitted in whole or in part. 2. In all matters of discipline the Research Student shall be under the control of the Professor in whose laboratory he works. 3. All papers arising out of work done in a laboratory shall be submitted to the Professor before publication, and in all such publications a due recognition of the laboratory shall be inserted.

VII. The title of Research Fellow may be conferred by the Senatus Academicus, with the approval of the University Court, on Research Students who have shown special distinction. Such title shall not of itself confer any right to stipend, but it shall be in the power of the University Court to provide a stipend of such amount and for such period as it may think fit to any Research Fellow under the powers of Ordinance 25, Section XI., sub-section 8.

VIII. (1) The Research Fellows shall be appointed as aforesaid after consideration of the report or reports submitted in terms of Section IV. hereof.

(2) The title of Research Fellow may be conferred either at the commencement of the Research Student's course of study or research, or at any time during its progress, as the Senatus Academicus may determine.

(3) Research Fellows shall retain their title and stipend, if

any, for the period during which they are engaged in special study or research in the University, and no longer.

(4) Research Students who have been appointed Research Fellows shall continue to be subject to the conditions above prescribed as to the supervision of their work and the reports to be made thereon.

IX. Nothing herein contained shall prejudice the right of Research Students to such Fellowships, Scholarships, or Prizes as may be open to them by Ordinance or Deed of Foundation.

X. The University Court may, subject to the provisions of Ordinance No. 25, Section XI., sub-section 8, provide such sums as it may think fit in aid of the expenses of special study or research.

Research Students and Fellows—John C. Beattie, D.Sc., 1897; Marian S. de Smolan, Ph.D., 1897.

Research Students—J. Frank Bottomley, Ph.D., 1898; Hugh Galt, M.B., C.M., 1898; Vincent J. Blyth, 1898.

VII.—LIBRARIES, MUSEUM, BOTANIC GARDEN.

UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Librarian is appointed by the University Court. The Library is under the immediate superintendence of a Committee consisting of three members of the University or others, not being members of Senate, appointed by the University Court, and of six members of Senate appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports.

On 25th March, 1898, the fourth annual report by the Library Committee was laid before the Senate and transmitted to the University Court. After giving the information required by Ordinance No. 64, Section XV., as to the state of the borrowing registers, the condition of the catalogues, the amount of money spent in the purchase of books and periodicals, and the distribution of the expenditure among the several departments of literature and science, the report drew attention to a pamphlet lately issued by the Curator, Emeritus Professor Dickson. This pamphlet contained a statement as to the position and resources of the Library, its relation to the work of the University in all departments of study and research, and the grounds on which thoughtful friends of the University might fairly be asked—instead of confining their benefactions to Bursaries, Fellowships, and other special objects—to recognise the paramount importance of this common possession, and to emulate the enlightened liberality shown to kindred institutions in the United States. The report bore that the suggestions of the pamphlet had been received with considerable sympathy, and that James A. Campbell, LL.D., M.P., had sent £250 to the Curator to be applied at his discretion to objects in connection with the Library.

The Library is always increasing by donations and by a grant of £707 per annum, formerly paid by the Treasury, as compensation for the loss of the Stationers' Hall privilege, and now received from the University Court.

During recent years the Library has acquired several valuable collections. Amongst these the most important are the following:—

The Collection bequeathed to the University by the late W. EUING, ESQ., amounting to about 15,000 volumes. It contains many books printed in the fifteenth and sixteenth centuries, illustrated books, English literature, Classics, above 2,000 Bibles, and a very large number of Psalm and Hymn books.

The Library of the late SIR WILLIAM HAMILTON, Professor of Logic in the University of Edinburgh, amounting to about 8,000 volumes. This collection, which consists principally of Classics, editions of Aristotle, and treatises on Logic and Metaphysics, was purchased by private subscription and presented to the University. A list of the subscribers was inserted in the *Calendar* for 1879-80.

The WALKER-ARNOTT Botanical Library of 970 volumes.

The Musical Library of the late THOMAS L. STILLIE, ESQ., numbering 760 volumes. It contains the works of the chief composers, many of them in score, and an extensive series of modern operatic compositions, continental and English.

The collection of books on Palestine, which belonged to the late DR. A. B. M'GRIGOR, consisting of 655 volumes of works, illustrating the natural and civil history, topography, and antiquities of Jerusalem and the Holy Land. This collection was presented along with 83 volumes, containing about 1,000 pamphlets, by Alexander M'Grigor, Esq.

The library of the REV. A. K. MACCALLUM, LL.D., containing over 3,000 volumes, bequeathed to the University—along with an annual sum of £10 to be spent on its increase—as the nucleus of a Celtic library.

A collection of works, numbering over 500 volumes, relating to Mediaeval Philosophy, which formed part of the library of the late PROFESSOR VEITCH—presented by Mrs. Veitch.

The works on Mining belonging to the late ALEX. MACDONALD, ESQ., M.P.; works on Engineering from the libraries of the late PROFESSORS LEWIS GORDON and MACQUORN RANKINE; works on Oriental literature from the library of the late PROFESSOR WEIR; a large collection of medical works, theses, and pamphlets, from the late PROFESSOR ALLEN THOMSON; 800 volumes of general literature from the library of the late F. A. ECK, ESQ.; over 1,000 volumes—selected from the library of the late JAMES HOTSON, merchant—presented by DR. THOMAS REID; and numerous works of reference for the Reading Room from the late DR. A. B. M'GRIGOR.

Wall or table cases were given by William S. Dixon, Esq. (1); William Euing, Esq. (1); Professor Rainy, M.D. (1); Professor Sir James Roberton, LL.D. (2); and Alex. Whitelaw, Esq., M.P. (2).

The custody and management of the Library are regulated by Ordinance No. 64, and by the rules framed under that Ordinance and approved by the University Court on 14th November, 1895. The following are the principal regulations relative to the use of the Library:—

Books shall not be given out except to the borrower in person, or to some one having written authority from him.

It shall be in the power of the Librarian at any time to withdraw any work from circulation, subject to appeal to the Library Committee; and to call in any book from any borrower after the lapse of the period for which such borrower is entitled to retain it, upon receiving a written request to do so from any person entitled to the use of the Library. In the notice of recall a period of not less than three clear days shall be allowed for making the return, and the penalties leviable for neglect shall be specified in the notice.

The following classes of work, viz.:—Manuscripts, rare books or books in any way difficult to be replaced, works of reference, separate maps or plates, unbound music or parts of works, pamphlets or books not sufficiently protected by the binding, shall not be given out except on an order of, and under conditions to be fixed by, either (*a*) the Senate, (*b*) the Library Committee, or (*c*) three Members of the Library Committee, according as, in the discretion of the Librarian, the special circumstances of each case may require.

Each member of the following classes of readers shall be allowed to borrow, and to have in his, or her, possession at one time the undermentioned number of volumes, but not more :—

Each Member of the Senatus Academicus, thirty volumes.

Each University Lecturer, twenty volumes.

Each Assistant and Examiner, and each holder of a Teaching Fellowship, fifteen volumes.

The Librarian, ten volumes ; and each Assistant-Librarian, five volumes.

Each Extra-Academical Teacher, recognized by the University Court, in the town in which the University is situated, ten volumes.

Each retired Principal or Professor, ten volumes.

Each Member of the University Court, during his tenure of office, ten volumes.

Each Member of the General Council of any Scottish University (and each Graduate under the age of twenty-one years) in each year in which he, or she, shall have paid a subscription to the Library of ten shillings and sixpence, six volumes.

Provided that no Member of the University Court or of the General Council shall be entitled to obtain from the University Library books required by the teachers or students of the University in the prosecution of academic work and research, and that it shall be in the discretion of the Librarian, subject to appeal to the Library Committee, to decide from time to time what books are so required.

Any Member of the General Council of any Scottish University shall be allowed to compound for the Library subscription by a single payment of Five Guineas, which shall secure to him, or her, for life the same privileges as would accrue from the annual payments.

It shall be in the power of the Library Committee from time to time to grant the use of the Library to persons who may not be Members of the University, for purposes of literary research, and the names of those privileged readers shall be reported annually to the University Court. All grants under this section shall terminate with the close of the reading year, but shall be renewable if again applied for. Each special reader shall pay an annual subscription of ten shillings and sixpence, and shall be entitled to borrow six volumes at one time, but not more.

Subject always to the provision as to the return of books for the annual inspection, all persons entitled to the use of the Library under the foregoing regulations shall have the right to retain each book borrowed during the winter session for one month, and each book borrowed during the summer session for two months, from the date of borrowing; and may further retain each book until it shall have been recalled by the Librarian.

Every Matriculated student, or other Student admitted by ordinance to the use of the Library, shall be entitled to have in his, or her, possession at one time, during the winter session, four volumes but not more, and during the summer session and vacation, six volumes but not more. Every student shall have the right—subject to the return of books for the inspection—to retain any book during the winter session for two weeks, and during the summer session for four weeks, from the date of borrowing, and may further retain each book until it shall have been recalled by the Librarian. But no student shall be permitted to borrow any book from the Library until he, or she, shall have lodged with the Librarian a deposit of £1 in security for the due return of the books and the payment of any fines which may be incurred.

During the winter session such students only as are attending the English Literature classes shall be allowed to borrow works of fiction in English, and then only to the extent of two volumes at one time. During the summer session and vacation students may borrow three volumes of fiction at one time, but not more.

The reading term for Students, Members of General Council, and Special Readers, shall begin with the commencement of the winter session in each year, and terminate with the close of the autumn vacation following.

Readers shall not be allowed to borrow books in more than one capacity.

A general inspection of the Library shall take place in April, beginning with the seventh, and continuing for eight lawful days thereafter.

All works whatever, and by whomsoever borrowed, shall be returned to the Library before the beginning of the period of the annual inspection under the penalties hereinafter mentioned. The Library shall be wholly closed during the time of the inspection.

If any person shall retain any volume after the commencement of the period of the annual inspection, such person shall incur a fine of one shilling for each volume; and in the event of any volume not being returned before the close of one week after the last day of the inspection, the fine shall be repeated from week to week until the volume is returned, or until the total amount of the fine shall have reached the sum of ten shillings.

If any person, when required by the Librarian to return a book, shall fail to do so before the expiry of the time specified in the notice, such person shall incur a fine of one shilling for each volume, and thereafter a further penalty of sixpence per day so long as the volume is not returned, or until the total amount of the fine shall have reached the sum of ten shillings.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured, while in the possession of readers; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

So long as any Library subscription or any fine incurred remains unpaid, and so long as any person continues in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended and remain in abeyance.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of the Teaching Staff, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays, or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the winter session from 11 A.M. till 2.30 P.M., except the Christmas and other holidays specially appointed by the University, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the summer it is open on Mondays, Wednesdays, and Fridays from 11.30 A.M. till 2 P.M.

CATALOGUES.

An Author and Subject Index containing the chief books likely to be interesting or useful to Students, and forming a fairly complete guide to the accessions in English of the twenty years preceding 1887, may be purchased by readers in the Library at the price of One Shilling.

Students and Graduates who are engaged in special research will, on application to the Librarian, have access to the Classified Catalogues, which include also the older literature and works in foreign languages. These catalogues have been arranged by Professor Dickson, Curator of the Library, and the expenses incurred by him in connection with their preparation have been defrayed by the late Dr. A. B. M'Grigor.

READING-ROOM.

In connection with the Library, a Reading-Room, provided with a special collection of books of reference for the use of Matriculated Students, is open for readers, Saturdays and holidays excepted, during the winter session from 9 A.M. till 4.30 P.M., and during the summer session from 9 A.M. till 2 P.M.

The Room is primarily intended for readers consulting the books of the Special Collection ; but so far as the accommodation will allow, students may make use of it for individual private study. The following are the principal rules applicable to the Room :—

Every Matriculated Student who shall at the beginning of the session or thereafter record (in a book kept by the Librarian) his desire to use the Reading-Room in accordance with the rules for consulting of books or private study, will receive a voucher entitling him to admission. No student will be admitted to the use of the Room without producing his voucher.

Every such student shall on entering apply for a tally entitling him to a seat, shall use it only for the table indicated thereon, and shall personally return it to the Assistant in charge. All readers are required to take at once the seats assigned to them, to abstain from talking, whispering, or any other form of distracting or disturbing others, and to enter and leave the Room (and Vestibule) with as little noise as possible. Readers shall exhibit their tallies when asked ; and shall at once give their names and matriculation numbers, if they shall be requested to do so.

Each student, desirous of borrowing books from the Special Collection in the Vestibule, is required to fill up one of the receipt papers with his name, matriculation number, and the title of the book or books wanted, and to present it to the Assistant-Librarian in charge. Students are not permitted to have the use of more than two volumes at one time. The books received are to be used only in the Reading-Room, and are to be returned by the receiver himself into the hands of the Assistant-Librarian. The return of books by those who have to leave the room at the end of any hour is to be made not later than five minutes before that time, and during that interval no books will be given out.

Books of reference not included in the Special Collection, but contained in the General Library, may be obtained for consultation in the Reading-Room on presenting a paper with the name and matriculation number of the reader making the request, and the title of the book wanted, to the Assistant-Librarian in the Vestibule.

The Assistant-Librarian in charge is instructed to report at once to the Library Committee the name of any student transgressing the rules.

Donations to the University Library.

List of Donations from 1st March, 1897, to 28th February, 1898.

Aberdeen University.—Officers of the Marischal College. 1593-1860.—Additions to the Library of Marischal College. 1874-96.—Catalogue of books added to the Library in King's College. 1896-97.—Catalogue of books in the Celtic Department. 1897.

Académie des Sciences de Cracovie.—Bulletin international. 1897.

Accademia dei Lincei, Roma.—Atti. Serie 5ª. Memorie. Classe di scienze morali. Parte 1ª. II.-IV. Parte 2ª. V.—Rendiconti. Classe di scienze fisiche. VI. 1897. Classe di scienze morali. VI. 1897.

Accademia delle scienze fisiche e matematiche di Napoli.—Atti. 2ª. Serie. VIII.—Rendiconto. Serie 3ª. III. 1897.

Accademia Pontaniana, Napoli.—Atti. Vol. XXVII.

The Admiralty—Report of the health of the Navy. 1896-97.—Greenwich observations. 1894.—Greenwich spectroscopic results. 1894.

Agent General for N. South Wales.—The wealth and progress of N. South Wales. 1896.

Agent General for Queensland.—Weedon, Queensland past and present. 1896.—Jack, Note on the Palmer as a reefing district. 1897.—Miles & Co., Annual mining review for 1896.—The work and wealth of Queensland. 1897.—Rands, Queensland mining industry. A lecture. 1897.—Rands, Report on Croydon gold field.—Annual report of the Under Secretary for mines. 1897.—Mining history of Charters Towers. 1872-97.

Agent General for W. Australia.—M'Devitt, Handbook of W. Australia.—Land selector's guide.—Chambers, A land of promise.

Archæological Survey of India.—N.-W. Provinces and Oudh. Annual progress report. 1896-97.—Cousens, List of antiquarian remains in the Central Provinces. 1897.

Army Medical Department.—Report for 1896.

Asiatic Society of Bengal—Bibliotheca Indica. New series. Nos. 886-909.—Index of the Maasir-ul-Umar. II. 12.

American Society of Mechanical Engineers.—Transanction. XVIII. 1897.

Australian Museum.—Report of Trustees. 1896.—Records. III. 1-3.

The Baird Trust.—The Baird lectures. 1897. Two copies.

Berwickshire Naturalists' Club.—Proceedings. XV. 2.

Biblioteca Nazionale Centrale di Firenzi.—I cataloghi e l'Instituto Internazionale di Bibliografia. I.—Bollettino delle pubblicazioni Italiane. 267-290.

Boston Public Library.—Monthly bulletin. II.—Annual list of new books. 1896-97—List of periodicals.—Brief description of the Chamberlain collection of autographs.—Bibliography of the higher education of women. 1897.

John Brown, B.Sc.—Nature. LIII., LIV. 1895-96.

Calendars or programmes have been received from the following institutions:—Aberdeen University; Auckland University College; Belfast Queen's College; Bombay University; Brown University; Calcutta University; Canterbury College, New Zealand; Cape of Good Hope University; Chicago University; Christiania University; Coimbra University; College of Preceptors, London; Cornell University; Dalhousie University, Halifax; Durham College of Science; Durham University; Edinburgh University; Edinburgh School of Medicine; Glasgow and West of Scotland Technical College; Gratz University; Guy's Hospital Medical School; Hartford Theological Seminary; Heriot-Watt College; Imperial University, Tokyo; Johns Hopkins University; M'Gill University, Montreal; Kolosvar University; Mason Science College Birmingham; Melbourne University; National University, Athens; New Zealand University; Otago University; Owens College, Manchester; Padua University; Pharmaceutical Society; Presbyterian College, Halifax; Queen's College, Galway; Queen's University, Kingston; Royal College of Surgeons of England; Royal Holloway College; Royal Institute of British Architects; R. Universita di Pisa; Royal University of Ireland; St. Mungo's College; St. Petersburg University; Society of Apothecaries of London; Sydney University: Technische Hochschule zu Aachen; Toronto University; Trinity College, London; Turin University; Union of Graduates in Music; University College, Bristol; University College, Dundee; University College, Liverpool; University College, London; University College, Nottingham; University College of North Wales; University College of Wales; University of Michigan; University of the State of New York; Vermont

University; Victoria University, Canada; Victoria University, Manchester; Vienna University; Yale University; Yorkshire College, Leeds.

Calcutta University.—Tagore law lectures. 1892 and 1895-96.

California University.—Report of work of the Agricultural Experiment Stations, 1894-95.—Report of work on viticulture. 1887-95.—Jaffa, Study of human foods. 1896.—Bulletin of Agricultural Experiment Stations. Nos. 111, 113-15.—Bulletin of the Department of Geology. I. 12-14; II. 1-3.

Caledonian Medical Society.—Caledonian medical journal. II. 1894-96; III. 1-4.

Cape of Good Hope Observatory.—Independent day number for 1897. Report for 1896.—Determination of the solar parallax, etc. 2 Vols. 1896-97.—Photographic durchmusterung for the equinox, 1875. I.—Meridian observations. 1861-65.—Finlay, Star correction tables.

Cambridge University Library.—Annual report of the Library Syndicate. 1896.

Cambridge Philosophical Society.—Proceedings. IX. 4-7.—Transactions. XVI. 2, 3.

Canadian Institute.—Proceedings. New series. I. 1.

Chemical Society.—Journal. Nos. 411-423.—Abstract of proceedings. Nos. 172-189.

Chicago Academy of Sciences.—Baker, A naturalist in Mexico. 1895.—Annual address. And 2 others.

Cincinnati Chamber of Commerce.—Forty-eighth annual report. 1896.

Clinical Society of London.—Forty-eighth annual report. 1896.—Transactions. XXX. 1897.

Congregational Union of Scotland.—Year-book. 1897-98.

Department of Science and Art.—Technical education. Application of funds by local authorities. 1896.—Forty-fourth report.—Catalogue of machinery, models, etc. Part 2.—Drawing and manual instruction in elementary schools. 1896.—Directory. 1897 and 1897-98.—Prospectus of the College of Science. 1897-98.—Prospectus of the College of Art. 1897.—Art examination papers. 1897.—Science examination papers. 1897.—Prospectus of Whitworth's scholarships. 1898.—Calendar and regulations. 1898.

Direccion de Estadistica General, Uruguay.—Comercio exterior y movimiento de navigacion. 1896.

Direction Générale de Statistique Municipale, Buenos Ayres.—Annuaire statistique. VI. 1896.

Editors, The.—British Guiana medical annual. IX. 1897.

Engineering Society of the School of Practical Science, Toronto.—Papers read before the Society. X. 1896-97.

Edinburgh Mathematical Society.—Proceedings. XV.

James Finlayson, M.D.—Janus: archives pour l'histoire de la médecine. I.

Fishery Board for Scotland.—Fifteenth annual report.

General Assembly of the Church of Scotland.—Report on the schemes. 1897.

Geological Survey of Canada.—Annual report. 1895. With 4 maps.—Palæozoic fossils. III. 3.

Geological Survey of India.—Records. XXX.—Palæontologia Indica. Series XVI. I. Part 1.—Memoirs. XXV. XXVI.

Glasgow Faculty of Procurators.—Books added to the Library. 1892-97.

Glasgow City Chamberlain.—Municipal and other public accounts. 1896-97.

Glasgow Medico-Chirurgical Society—Transactions. Vol I. 1897.

Glasgow Archæological Society.—Transactions. New series. III. 1.

Glasgow Corporation.—Report on museums and galleries for 1896.

Glasgow School Board—Twenty-fourth report. 1897.—General summary of work from 1894 to 1897.

Glasgow Pathological and Clinical Society.—Transactions. VI. 1895-97.

Government of Netherlands India.—Observations made at the Observatory at Batavia. XVIII. and XIX.—Rainfall in the East Indian Archipelago, 1895 and 1896.—Wind and weather currents and tides in the East Indian Archipelago. 1897.

Governor of Bombay.—Progress report of the Archæological Survey of Western India. 1895-96.—Bhandarkar, Search for Sanskrit MSS. during 1887-91.

Graz Universität.—Sperl, Vereinbarung der Zuständigkeit und Gerichtsstand des Erfüllungsortes.

Hartford Theological Seminary.—Annual register. 1896-97.

Imperial University, Tokio.—Journal of the College of Science. IX. 2; X. 1, 2.

Institution of Civil Engineers.—Minutes of proceedings. CXXVII.-CXXX.—Report of the Council. 1896-97.

India Office Library.—Catalague. II. 1.

Institution of Engineers and Shipbuilders.—Transactions. XL. 1897.

Institution of Mechanical Engineers.—Proceedings. 1896, 3, 4; 1897, 1, 2.

Institution of Naval Architects.—Transactions. XXXVIII.

James Murray's Asylum, Perth.—Excelsior. 1896.—Seventieth annual report.

Johns Hopkins University.—Bascom, Ancient volcanic rocks of Pennsylvania; and 30 other dissertations.—University circulars. 128-133.

Johns Hopkins Hospital.—Bulletin. 71-83.

King's College Hospital.—Reports. III. 1895-96.

Literary and Philosophical Society of Liverpool.—Proceedings. LI. 1896-97.

Lloyd's Register of Shipping.—Register. 1897-98. 2 Vols.—Rules and regulations. 1897-98.

Local Government Board.—Report of Medical Officer for 1895-96 and 1896-97.—Inland sanitary survey. 1893-95.

Lords of H.M. Treasury.—Register of the Great Seal of Scotland. 1634-1651.—Exchequer rolls of Scotland. XVI., XVII.—Register of the Privy Council of Scotland. XIV. 1898.—Acts of Parliament: Public, Local, Private. 1897.

John C. M'Vail, M.D.—Sixth report to the County Council of Stirling.—Sixth report to the County Council of Dumbarton. 1897.

Manchester Literary and Philosophical Society.—Memoirs and proceedings. XLI. 3, 4; XLII. 1.

Middlesex Hospital, London.—Reports of the registrars for 1895.

Mineralogical Society.—Mineralogical magazine. 52, 53.

Ministero della Pubblica Istruzione, Italia.—Disegni antichi e moderni. Fasc. 6.—I codici Palatini. II., 5.—Codici corali e libri a stampa miniati. Atlas.—I manoscritti della Biblioteca Riccardiana. Fasc. 7.

Le Ministre des travaux publiques.—Etudes des gites minéraux de la France. 15 vols. of text and 9 vols. of plates.

Ministry of Agriculture, Hungary.—Landwirthschaftliche Statistik der Länder der ungarischen Krone. I.-III. 1897.

David Murray, LL.D.—Creeny, Facsimiles of monumental brasses. 1884.—Creeny, Illustrations of incised slabs.—Michel, Les musées de l'Allemagne. 1886.—Photolithographed facsimile of register of seisins, County of Fife. June, 1896.

New York Public Library.—Bulletin. I. 1897.

Norwegian North Atlantic Expedition.—Memoir. XXIV. Protophyta.

Periodicals per Dr. Dickson.—The academy. LI.—Nineteenth century. XLI.

Pathological Society of Philadelphia.—Proceedings. I., 1, 2.

Pharmaceutical Society.—Journal. 1897.—Calendar. 1898.

Emeritus Professor Dickson, D.D.—Wenley, Theology and theism. 1897.—Palestine Exploration Fund. Quarterly statement. 1897.—Hawthorne, Nature and purpose of the British Pharmacopœia.—Remacle, La metaphysique de "Scotus Novanticus."—Educational news. 1106-1148.

Professor Bower, Sc.D.—Agricultural ledger, Calcutta. 1892-97. 106 Nos.—Bulletin of the Botanical Department, Jamaica. Vols. I.-IV. 43 parts.—Trinidad Botanic Gardens' Bulletin. 13 Nos.—Cunningham, Indian wheat rusts. And 4 others.—Reports on experimental farms, Canada. 1893-96.—Bulletin of central experimental farms, Ottawa. Nos. 21-28.—Saunders, Report on beet sugar. And 2 other pamphlets.

Professor Bradley, M.A.—Philosophical lectures and remains of R. L. Nettleship. 2 Vols. 1897.

Professor Ferguson, LL.D.—Bibliographical notes on histories of inventions and books of secrets. Second supplement.—Bibliographical notes on the witchcraft literature of Scotland. 1897.

Professor Sir William Gairdner, K.C.B.—Year-book of the Royal Society. 1896-97.—Aldrich, Friar Jerome's beautiful book. 1896.

Professor Jack, LL.D.—Lockhart, Fair to see. 3 Vols. And 240 other volumes.—Diacon, Decomposition de la lumière. And 130 other pamphlets.—Proceedings of the London Mathematical Society. Nos. 593-608.

Professor Lord Kelvin.—Denkschriften der Wiener Akademie. LXIII.—Lick Observatory publications. II., III.—Monographs of the U.S. Geological Survey. XVII., XVIII., XX. With other 28 volumes, and 187 parts of vols. of scientific periodicals.—New York Museum of Art. Annual reports. 1871-94, 1896-97. 3 Vols. Handbooks. Nos. 1-3, 6, 8, 9, 11, 12. Russian art reproductions. 1884. And 3 other vols.—Dominion of Canada. Report on north-west mounted police force. 1896. And 10 other reports. Tyrrell, North-Western Manitoba. And 48 other pamphlets.—Brooks, Industry and property. 2 Vols.—Kempe, Electrical testing. 1884.—Kedzie, Solar heat, etc. 1886. Jackson, Treatise on optics. 1848. Together with 64 other volumes.

Professor Macewen, M.D.—Annals of surgery. XXIII., XXIV.

Professor M'Kendrick, M.D.—Ist die Haut für Musik empfindlich. 1897. And 111 other pamphlets.—The nomenclature of diseases. 3rd edition. 1896.—On sound and speech waves as revealed by the phonograph. 1897.—Pictet, Critique du matérialisme et du spiritualisme. 1896.—Germe, Causes des mouvements du cœur. 1897.—Stein, Funktionen der einzelnen Theile des Ohrlabrynths. 1894.—Ploss, Das Weib. 4te Aufl. 2 Bde. 1895.—Rutherford, Lithographed notes of lectures on physiology. 3 Vols.—And other 67 volumes.

Professor Murray, M.A.—A history of ancient Greek literature. 1897.

Rev. Professor Robertson, D.D.—The bookman. Nos. 36-73.

Professor Smart, LL.D.—Dictionary of political economy. II. 1896.—Studies in economics. 1895.

Rev. Professor Story, D.D.—St. Modan of Roseneath: a fragment of Scottish hagiology. 1878.—The St. Columba commemoration, Iona. 1897.

The Publishers.—Canadian gazette. 1897.

The Publishers.—Colonial enterprise. 1897.

The Publishers.—St. Bartholomew's Hospital journal. IV.

The Publishers.—The liberty review. 1897.

The Publishers.—The positivists' review. 1897.

Queensland Branch of the Geographical Society of Australasia.—Proceedings and transactions. XII.

Radcliffe Library, Oxford.—Catalogue of books added during 1896 and 1897.

Thomas Reid, M.D., LL.D.—Helmholtz, Handbuch der physiologischen Optik. 2te Auflage. 1896. And 9 other volumes on the eye.—Letulle, L'inflammation. 1893.—Leber, Die Entstehung der Entzündung. 1891. And 4 other medical works.—Nansen, Auf Schneeschuhen durch Grönland. 2 Bde. 1891.—Campbell, Mosses and ferns. 1895.—Brockhaus, Konversations-Lexicon. 17. Supplement.—Rebière, Les femmes dans la science. 1897.—Rebière, Mathematiques et mathematiciens. 1893.—Hazlitt, Four generations of a literary family. 2 Vols. 1897.—Ermengem, Manuel de microbiologie. 1887.

Reports have been received from the following Libraries:—Aberdeen Public Library.—Boston Public Library, U.S.—Bradford Free Libraries.—Fulham Public Libraries.—Heginbottom Free Library, Ashton-under-Lyne.—John Crerar Library, Chicago.—New York Public Library.—Liverpool Public Libraries.—Baillie's Institution Free Library.—Public Library and Museum of Victoria.—Rothschildsche Oeffentliche Bibliothek.—Public Libraries, Newcastle-upon-Tyne.—St. Helen's Public Libraries.—St. Louis Public Library.

Royal Academy of Medicine in Ireland.—Transactions. XIV. 1896. XV. 1897.

Royal Astronomical Society.—Monthly notices. LVII.

Royal College of Physicians, Edinburgh.—Reports from the laboratory. Vol. VI. 1897.

Royal Institute of British Architects.—Journal. IV. 9-20; V. 1-8.

Royal Irish Academy.—Proceedings. 3rd series. IV. 2, 3, 4.

Royal Scottish Academy.—Seventieth annual report. 1897.

Royal Scottish Society of Arts.—Transactions. XIV. 3.

Royal Society of Canada.—Proceedings and transactions. 2nd series. II. 1896.

Royal Society of New South Wales.—Journal and proceedings. XXX.—Abstracts of proceedings. May-December, 1897.

Royal Society of Victoria.—Proceedings. New series. IX., X. 1.

Secretary of State for India.—Report of the Sanitary Commissioner for 1895.—Hultzsch, Reports on Sanscrit MSS. in Southern India. II. 1896.—Sacred books of the East. XXXVIII., XLII., XLV., XLVI.—Epigraphia Indica. IV. 5-7.—The Bower MS. Parts III.-VII.—Archæological survey of India. N.S. Vol. XXIII.

Smithsonian Institution.—Miscellaneous collections. XXXVII. 856. 1035, 1039; XXXIX. 1037, 1077.—Smithsonian report. 1894.—Report of the U.S. National Museum. 1894.—Bulletin of the U.S. National Museum. 47. 1896.—Contributions to knowledge. XXIX. 1034.—Annual report of the American Historical Association. 1895.—Billings, Abstract of paper on composition of expired air.—Langley, Memoir of George Brown Goode. 1897.—Annual reports of the Bureau of Ethnology. XIV., 2 parts; XV., XVI.

Society of Antiquaries of Scotland.—Proceedings. 1895-96.

Society of Chemical Industry.—Journal. XVI. 1897.

Society of Public Analysts.—The analyst. XXII. 1897.

Technische Hochschule zu Aachen.—Intze, Ausführungen auf wasserwirthschaftlichem Gebiete. 1897.—Wüllner, Festrede zur Feier des 100sten Geburtstages Kaiser Wilhelms I. 1897.

Surgeon-General's Office, U.S. Army.—Report for 1896-97.—Index catalogue of the Library. 2nd series. II.

Toronto Engineering Society of the School of Practical Science.—Papers read before the society. No. 10. 1896-97.

Trustees of the British Museum.—Catalogue of Greek coins.—Caria, Lycia, etc. 2 Vols.—Catalogue of the Stowe MSS. II.—White, Athenian vases. 1896.—Catalogue of tertiary mollusca. I.—Catalogue of Welwitsch's African plants. I.—Catalogue of fossil cephalopoda. III.—Guide to the fossil invertebrates. 1897.—Guide to the fossil reptiles and fishes. 1896.—Guide to the fossil mammals and birds. 1896.

U.S. Geological Survey.—Seventeenth annual report. 4 Vols.

U.S. Coast and Geodetic Survey.—Annual report. 1895.—Bulletin. 36.

U.S. Commissioner of Education.—Report for 1895-96. 2 Vols.

U.S. Department of Agriculture.—Beal, Some common birds in relation to agriculture.—Year-book. 1896.—North American fauna. No. 13.

Universität zu Wien.—Toldt, Zur Geschichte der Medicinischen Universitätsinstitut zu Wien. 1897.—Bericht über die volksthümlichen Universitätsvorträge im 1896-97.

Université de Lyon.—Bulletin. X. 3-5; XI. 1, 2.

University of Christiania.—Barth, Norrönaskaller. 1896.—Schjött, Samlede philologiske Afhandlinger. 1896.—Universitets-Bibliothekets Aarbog for 1893.—Jahrbuch des Norwegischen meteorologischen Instituts für 1893, 1894, und 1895.

University of Nebraska.—University studies. II. 2.—Bulletin of agricultural experimental stations. Nos. 47-49.

University of Toronto.—Wrong, Historical publications relating to Canada. Vol. I 1896.

University of the State of New York.—Geological survey. Palæontology. VIII. 1894.—Hundred and eighth annual report of the Regents. 2 Vols. 1895.—Examination Department. Second and third annual reports. 1895-96.—State Museum. Report of the Regents. 1894. 3 Vols.—State Library. Annual report. 1894.—State Library bulletin. Additions. Nos. 3, 4. Legislation. Nos. 7, 8.—Extension bulletins. Nos. 13-18.

Yale University.—Observatory report for 1896-97.

Colonel Richardson, Leicester.—Catalogue of the Hanbury herbarium. 1892.

D. H. Edwards, F.R.H.S. Around the ancient city.—Pocket history and guide to Brechin.—Historical guide to Edzell and Glenesk districts. 1893.—Hotch-potch in braid Scotch. 1886—Modern Scottish poets. 16 series. 1880-97.

Mr. Henry S. Wellcome.—Thanksgiving-day banquet of the American Society in London. 1896.

Sir James M. Campbell, K.C.I.E.—Bombay gazetteer. I. 2 parts.

M. A. Palmström.—Sur une équation differentielle.

General John Cochrane.—Letters to the New York Cincinnati.

El Conde de Casa Valencia.—Estudios historicos. 1895.

David Newman, M.D.—Cases illustrating renal colic, etc. 1897.

Prof. Fr. Elezović.—Carmina.

Mr. Edward S. Dodgson.—Micoleta, Modo breve de aprender la lengua Bizcayna. 1897.—Eracuste caltegarriyaren contra. 1897.

Mr. M. Walls y Merino.—La musica popular de Filipinas. 1892.—Relatio de un viaje de España á Filipinas. 1895.

University of Edinburgh.—List of members of the General Council for 1897.

James Colville, D.Sc.—On the literary art of Robert Burns. 1897.

Rev. S. D. Brownjohn.—Cause of the protest against Dr. Temple. 1897.

Mrs. Fitzgerald.—The rational ideal of morality. 1897.

Hon. Maharaj Pratap Narain Singh.—Rasakusumakar: a treatise on rhetoric in Hindi.

Ph. Aug. Albrecht.—Astronomical doctrines in new aspects. 2nd edition.

Ronald M. Burrows, M.A.—Les études classiques en Angleterre.

Mr. Thomas C. Lewis.—A protest against the development of unmusical tone. 1897.

Mr. E. Merck, Darmstadt.—Annual report on new pharmaceutical media for 1896.

William Bruce, M.D.—Sixth report of the public health of Ross and Cromarty. 1896.

Messrs. Williams & Norgate.—The Hippolytus of Euripides. Translated by H. B. L. 1893.—The Ion of Euripides. Translated by H. B. L. 1889.

M. R. Steinheil.—Sur un système de notation des couleurs. 1896.

The Publisher.—Verus, Vergleichende Uebersicht der vier Evangelien. 1897.

National University, Athens.—Annual reports. 1893-94, 1894-95. And 3 other publications.

Mr. John Beattie Crozier.—History of intellectual development. Vol. I. 1897.

Harry Colin Miller, M.A.—The influence of Italy on classical music. 1897.

Mr. William Kelly.—An exposition of Isaiah. 1897.

M. Tomas E. Geddes.—La resurrecion de Jesu-Cristo. 1896.
Comité Dieppois de publicité.—Dieppe illustré. 1897.
The Publishers.—Physician's and surgeon's manual. 1897.
Mr. Edward Harper Parker.—Life, labours, and doctrines of Confucius. 1897.
Rev. John Sloan, M.A.—Martinius, Grammaticae Hebraeae libri duo. 1607.
Surgeon-Major John Macgregor.—Through the buffer state. 1896.
Mr. P. Cudmore, B.H.—Cleveland's maladministration. 1896.
St. Louis Public Library.—St. Louis Public Library magazine. IV. 1, 2.
Sir William Muir, K.C.S.I.—The Mohammedan controversy, and other articles. 1897. —James Thomason. 1843-53.
Herbert M. Bower, M.A.—Elevation and procession of the Ceri at Gubbio. 1897.
William Dalton Babington, M.A.—Fallacies of race theories. 1895.
Rev. John Bisham, Ph.D.—The meaning of prayer. 1897.
A. K. Chalmers, M.D.—Distribution of tuberculous diseases in Glasgow. 1897.
La Oficina de Canje Internacional, Uruguay.—Honoré, El sol. 1897.
Chicago Academy of Sciences.—Thirty-ninth annual report. 1896.—Bulletin. No. 1.
J. O. Mitchell, LL.D.—Burns and his times. 1897.
Mr. George Iles.—The appraisal of literature. 1897.
The Home Secretary.—Experiments on living animals. 1897.
Bureau Internationale de la paix, Berne.—Bulletin du IV., VI., et VII. Congres de la paix. 1892, 1894, 1896.—Pandolfi, La féderation et la paix. And 6 other pamphlets.
Fan-Makers' Company.—Catalogue of fourth competitive exhibition of fans. 1897.
Prof. Diocleziano Mancini.—Horatius, Odi, Epistole, Satire. Traduzione di Mancini. 1897.
Volta Bureau, Washington.—Bell, The science of speech. 1897.—Report of fifth summer meeting of American Association for Teaching Speech to the Deaf.—Reports of schools for the deaf.—Bell, Phonetic syllabication. 1897.
Fairmount Park Art Association, Philadelphia.—Annual report, 1896 and 1897.—Unveiling of the memorial to Garfield. 1896.
Comité pour le Jubilé.—Jubilé de M. Aimé-Louis Herminjard. 1896.
North London College Hospital.—Reports for 1894.
Mr. Alexander Graham Bell.—The mystic oral school. 1897.
A. B. Grant, Jun., M.A.—Prophetia Ezechielis. 1544.
J. Cuthbert Welsh, F.C.S.—General index to the Analyst. I.-XX. 1897.
A. Campbell Munro, M.B., D.Sc.—Reports on the sanitary condition of the county of Renfrew. 1892-97.
Local Committee for Lowestoft.—Lowestoft illustrated souvenir. 1897.
Sayings of our Lord from an early Greek papyrus. 1897.
Official Board of Advertising, Isle of Man.—The Isle of Man official guide. 1897.
Sanitary Bureau, Navy Department, Japan.—Annual report of the health of the Navy. 1894.
Prof. Richard John Anderson.—Some aspects of mimicry. 1897.
Mr. Charles Ellis.—Shakespeare's Sonnets and the Bible.
Instituto dos Advogados de S. Paulo.—Revista de jurisprudencia. III. 1896.
Rev. H. M. M'Gill.—Kabbala denudata. 1677.
Robert Kennedy, M.D.—On the regeneration of nerves. 1897.
R. S. Thomson, M.B.—Urinary tests and sediments. 1895.—Vaccinal immunity in relation to the serum treatment of small-pox. 1897.
D. P. Menzies, F.S.A. Scot.—The Menzies Clan Society. 1897.
M. Charles M. Limousin.—La Kabbale littérale occidentale. 1897.
Adams Memorial Committee.—The scientific papers of John Couch Adams. I. 1897.
Dr. James A. Campbell, M.P.—Tillemont, Histoire des empereurs. 6 Tomes. 1720-38.
Frank H. Cilley, S.B.—Designs of framework. 1897.
Mr. Edward Arnold.—Paget, Wasted records of disease. 1897.
Speshal aurdinans ov Dunshalt, "the mishuneri siti," bei Sancho Quixote.
Principal John Ward Stimson, New York.—Vital art education. 5th edition.
George G. Napier, M.A.—The homes and haunts of Sir Walter Scott. 1897.
Gilbert Clark, M.A.—Home: and other poems. 1897.
John Poland, F.R.C.S.—Traumatic separation of the epiphyses.
The Author.—The physical, moral, and spiritual worlds. 1897.
Prof. Bruce, D.D.—The providential order of the world. 1897.
University College of Sheffield.—Papers printed to commemorate the incorporation of the College. 1897.
Chartered Accountants of Scotland.—Official directory. 1897.

Lionel Horton Smith, M.A.—Two papers on the Oscan word anasaket. 1897.

M. E. Lemoine.—Mélanges sur la géometrie du triangle.—Note sur developpment de la circonférence.

Mrs. Morris, Kelmscott.—Morris, The well at the world's end. 1896.—Meinhold, Sidonia the sorceress. 1893.—The history of Godefrey of Boloyne. 1893.

John Malcolm Bulloch, M.A.—Account of tributes in poetry and prose to David Rennet, LL.D. 1897.

Major Stewart, Breton Lodge, Leamington.—Critical MS. notes on the authorised and the revised versions of the New Testament.

James Walker Downie, M.B.—Manual of diseases of the throat. 1894.

The Earl of Crawford, K.T.—List of MSS., printed books, etc., exhibited at Haigh Hall to the American librarians, August, 1897.—Bibliotheca Lindesiana. Handlist of proclamations. II. 1897. Handlist of Oriental MSS. 1898.

Thoms H. Weir, B.D.—Al Coranus Muhammedis. 1694.

Rev. Frank P. Manhart, M.A.—The Lord's Supper. 1897.

Ayrshire and Galloway Archæological Association.—Archæological Collections VIII.-X. 1894-95.—Muniments of the Royal Burgh of Irvine. 2 Vols. 1890-91.

Mrs. Tolstopiatow.—Recherches minéralogiques. Par Prof. Tolstopiatow. 1893.

Mr. Bernard Quaritch.—Monuments of typography. 1897.

Herr Julius Hucke.—Die Geldverrichtungen. 1897.

Trustees of the Duff Missionary Lectureship.—Lang, Expansion of the Christian life. 1897.

Rev. Dr. John Bigham.—The football question. 1897.

Miss Galloway—Bremner, Education of girls and women. 1897.

The Marquess of Bute, K.T.—The arms of the royal and parliamentary burghs of Scotland. 1897.

Mr. F. T. Barrett.—Brief notice of Glasgow and its libraries. 1897.

British Institute of Preventive Medicine.—Transactions. 1st series.

James W. Allan, M.B.—On the functions of a medical society. 1897.

The Family of the late Mr. Thomas Coats.—Burns, The coinage of Scotland. 3 Vols. 1887.

Bubonic Plague Committee.—Report on the bubonic plague in Bombay. With plans. 3 Vols. 1897.

Prof. A. Liversidge, LL.D.—Crystalline structure of gold. And 4 other pamphlets.

Rev. Thomas Adamson, D.D.—Studies of the mind in Christ, 1898.

General Conference ef the New Church.—New Church Magazine. XVI. 1897.

Mr. R. C. Winthorp, Jr.—Memoir of Robert C. Winthorp. 2nd edition. 1897.

Rev. James D. W. Gibson, B.D.—Birds of Carmichael parish. 1897.

Mr. W. Walker Stephens.—The life and writings of Turgot. 1895.

Mrs. Rogers, Boston, U.S.A.—Life and letters of William Barton Rogers. 2 Vols. 1896.

Rev. Francis Bashforth, B.D.—Motion of projectiles. With supplement. 1873-81.—Description of a chronograph. And 3 other pamphlets.

M. Edmond Picard.—L'Institut des hautes études à l'Université nouvelle de Bruxelles.

Rev. D. Butler, M.A.—The ancient church and parish of Abernethy. 1897.

Mr. Edgar Brinsmead—History of the pianoforte. 1889.

Thomas S. Ellis, Surgeon.—The human foot, its structure and functions. 1889.—Some points in the physiology of the foot. 1897.

Mr. R. Malcolm Kerr.—Malcolm, Letters of an invalid from Italy, etc. 1897.

The Author.—Zetetic cosmogony.

North British Association of Gas Managers.—Light without a wick: a century of gas-lighting.

Executive Commission of the Presbyterian General Alliance.—Proceedings of the third, fourth, fifth, and sixth general councils. 4 Vols.

Mr. Henry Binns.—Enlarge the Apocrypha.

Association Générale des Etudiants de Paris.—Annuaire. 1897-98.

Norwegian Winter Tourist Association.—Winter life in Norway. 1898.

Japanese Consul, Glasgow.—General view of commerce in Japan. 1897.

Scientific Alliance of New York.—Addresses at the meeting, November 15, 1892.

Mr. Theodore Napier.—Copy of petition to the Queen against the misuse of the national names. 1897.

Robert Maclehose, M.A.—Transactions of the Franco-Scottish Society. 1897.

Curator of Imperial Institute, London.—Sixth report of Ontario Bureau of Mines. 1896.

Senate of Edinburgh University.—Edinburgh University Gifford lectures. 8 Vols.

George Dickson, M.D. Scottish Medical and Surgical Journal. Vol. I. 1897.

DIVINITY HALL LIBRARY.

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the University Court of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

HUNTERIAN MUSEUM.

This Museum was founded by the eminent William Hunter, M.D., who was born in 1718, at Cantieswell or at Long Calderwood, in the Parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archaeological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at page 30. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of which is galleried.

The Hunterian Museum is under the immediate superintendence of the Museums Committee, consisting of two members of the University or others, not being members of Senate, appointed by the University Court, and of four members of Senate, appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College. Keeper—Professor John Young, M.D.; Under-Keeper, John Young, LL.D.; Assistant-Librarian, Alexander Murdoch; Under-Keeper in Pathological Department, J. H. Teacher, M.B., C.M.

Visitors desirous of consulting in the Museum should, if possible, arrange to come between 2 and 4 P.M. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a few days before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. Catalogues of the Library, Medals, and Minerals are in course of preparation.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends three times during the session.

Donations to Museum 1897-98.

The following donors have contributed to the Museum during the past year :—

Zoological Department.—T. Nelmes, Esq., horned toad, California; T. Steel, Esq., in addition to many previous gifts, annelids and other invertebrates in spirit; G. Hill Wingate, Esq., a flying phalanger; Mr. John Mackay, Museum taxidermist, pouter pigeon; A. S. Young, Esq., Stubbing, Lancs., calculus from horse; J. Provand Thomson, M.B., C.M., insects from Cameroon, West Africa.

Geological Department.—E. Russell, Esq., 34 specimens of chalk fossils from Winchester; Jas. Neilson, Esq., celestite, 2 specimens; Jas. Young, Esq., Lesmahagow, Silurian fossils; Nicol Brown, Esq., arragonite, South Africa; Jas. Macpherson, Esq., minerals, shells, plants, from New Zealand; Geo. R. Thompson, Esq., Lecturer on Geology, carboniferous plant remains; G. H. G. Gostwyck, student, specimen of picrite from Ballachulish.

Mr. W. Anderson Smith has given important illustrations of the Natural History of Chili, collected by himself.

The most important addition during recent years has been the collection of the late F. A. Eck, Esq., formerly of Hollybush. During a long residence in South America, and afterwards while resident in Britain, Mr. Eck formed a splendid collection of minerals, numbering in all over 3,000 specimens. The minerals of Peru, Chili, Guatemala, New Grenada, Mexico, and California, are richly illustrated, while the European series of over 1,200 specimens is also representative. There are besides a fine series of polished precious stones, and also specimens of the old Mexican and Peruvian Pottery, and of modern carved work. This splendid gift, augmented in 1896 by a further addition of 150 precious stones from Miss Eck—along with the handsome cabinets in which the specimens are contained—the largest since the late Miss Brown of Lanfine presented, in 1875, one half of her late father's mineral collection, is due to the generosity of Mr.Eck's family, who have enjoined that the collection be kept apart and used, so far as possible, to aid the teaching of Mineralogy. Miss Brown, in 1896, presented a further series of polished amethyst, marble, jade, and enamel cups and tesserae, and in 1898 she bequeathed to the University the portrait of her father, now in the Museum, and a cabinet of minerals, along with antiquities from various localities. In February, 1888, the Council of the West of Scotland Technical College made over to the Hunterian Museum the Zoological and Ethnological collection of the Andersonian University, later known as Anderson's College, and now merged in the Technical College, the Council requiring the space for illustrations of the lectures given under their direction. The collections, which are of very great value and extent, were largely due to the generosity of the naturalists and merchants of Glasgow, to whom the Hunterian Museum is also under great obligations.

BOTANIC GARDEN.

A piece of ground adjoining the old College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-Room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A Lecture-Room, in which the Professor of Botany delivered an annual course of Lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to its present site in Hillhead, at a greater distance from the old College, so that the Professor, while he continued to give in it the practical portions of the course (*Demonstrations*), found it more convenient to deliver his Lectures at the University. The removal of the University to Gilmorehill brought it nearer the Botanic Garden, but the Lecture-Room in the Garden being inadequate for the students attending the course of Elementary Lectures on Botany, and there being no Laboratory, Museum, or Herbarium-Room in the Garden, the Professor has continued to deliver his Lectures and to have his Laboratory at the University. Arrangements are in progress for the erection of suitable buildings for the Botanical department.

MILLPORT MARINE BIOLOGICAL STATION.

This station, which is situated near Keppel Pier, in the island of Cumbrae, was formally opened in May, 1897. The chief object which the promoters have in view is to afford opportunities for the investigation of the Marine Fauna and Flora of the district known as the Clyde Sea Area. A practical laboratory has been provided and equipped, and one of the tables in it, for which the University Court subscribes, is called the University Table. The nomination of students to the privilege of working at this table is made by the Senate on the report of the Professors of Natural History and Botany. Applications should be addressed to the Clerk of Senate.

VIII.—GRADUATION IN THE SEVERAL FACULTIES.

EXAMINERS.

Preliminary Examinations in Arts, Science, and Medicine.

The University Court of each University annually appoints as Examiners such number of Professors or Lecturers in the Faculty of Arts in that University, and such additional Examiners as may be deemed necessary. The Preliminary Examinations in Arts, Science, and Medicine are conducted by these Examiners, under the control and supervision of a Joint-Board appointed in January of each year by the several University Courts from among the Examiners, according to a scheme of rotation prescribed in Ordinance No. 13, Section iv., as supplemented by Ordinance No. 43, Section I. The Joint-Board holds office from the first day of February to the thirty-first day of January in the succeeding year, and sits at each University in rotation in the following order:—Edinburgh (1897-8), Glasgow (1898-9), Aberdeen (1899-1900), St. Andrews (1900-1). It consists of eight Professors or Lecturers and eight additional Examiners, two Professors or Lecturers and two additional Examiners being appointed by the University Court of each University, according to the scheme printed on p. 153. In the case of a candidate at a Preliminary Examination who is permitted to offer himself for examination in any language not included in the Preliminary Examination, each University makes special arrangements for the examination of its own candidates.

Degrees in Arts.

The Examiners for Degrees in Arts are the Professors whose subjects qualify for Graduation in Arts, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Science.

The Examiners for Degrees in Science are the Professors whose subjects qualify for Graduation in Science, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Medicine.

The Examiners for Graduation in Medicine are the Professors whose subjects qualify for Graduation in Medicine, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary, such provision being made as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

Degrees in Law.

The Examiners for the Degree of Bachelor of Laws are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

The Examiners for the Degree of Bachelor of Law are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

UNIVERSITY.	1893, and every Fourth Year thereafter (1897).	1894, and every Fourth Year thereafter (1898).	1895, and every Fourth Year thereafter (1899).	1896, and every Fourth Year thereafter (1900).
ST. ANDREWS, . .	English (Professor).	English (Professor).	English (Additional Examiner).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).
GLASGOW, . . .	English (Additional Examiner).	English (Professor).	English (Professor).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).
ABERDEEN, . . .	English (Additional Examiner).	English (Additional Examiner).	English (Professor).	English (Professor).
	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).
EDINBURGH, . .	English (Professor).	English (Additional Examiner).	English (Additional Examiner).	English (Professor).
	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).

Degrees in Divinity.

The Examiners for the Degree of Bachelor of Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

No person is eligible for appointment to the office of additional Examiner, whether for Preliminary Examination or for Degrees in Arts, Science, or Medicine, who is a Professor, Lecturer, or University Assistant or Demonstrator in any Scottish University, and the appointment of any additional Examiner during the currency of his term of office to a Professorship, Lectureship, or to the office of University Assistant or Demonstrator in any Scottish University is held to vacate his office of Examiner. The periods of appointment of additional Examiners are so adjusted as to secure that all the Examiners shall not vacate their office at the same time ; but no Examiner can be appointed for a longer period than four years, and no person who has held the office of Examiner for a period of three or four years is eligible for reappointment to the office of Examiner in the same University until he has ceased to hold the office of Examiner in such University for not less than one year.

In the event of a vacancy in the office of a member of the Joint-Board, or of an Examiner or additional Examiner in Arts, Science, or Medicine, occurring otherwise than by expiration of his term of office, the person appointed in his room is appointed for the remainder of such term only.

REGULATIONS FOR GRANTING DEGREES.

I. GRADUATION IN ARTS.

REGULATIONS APPLICABLE TO ALL WHO HAVE ENTERED ON THEIR ACADEMICAL COURSE SINCE 1ST OCTOBER, 1892.

The conditions on which the Degree of Master of Arts is now conferred are regulated by Ordinances No. 11,[1] No. 44, and No. 148 of the Universities Commission (1889), the principal provisions of which are the following :—

I. The Academical year in each University shall commence on the first day of October. The classes shall meet for the winter session (which shall include not less than twenty teaching weeks) on such day thereafter as the Senatus of each University shall determine; and shall close not later than the tenth day of the following April.

The University Court of each University shall institute a summer session in such of the subjects or branches of subjects qualifying for graduation in Arts as may be determined by the said Court after consultation with the Senatus. Such session shall commence on such day as the Senatus of each University shall determine, and shall include ten teaching weeks at least. The classes shall be conducted by the Professors, or by Lecturers appointed under Ordinance No. 17 (Regulations as to Assistants and Lecturers).

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[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 477-485, and the modifications made by Ordinance No. 44 were inserted in italics in the *University Calendar* for 1894-95.

II. The Curriculum for the Degree of Master of Arts (M.A.) shall extend over not less than three winter sessions, or two winter sessions and three summer sessions.

PRELIMINARY EXAMINATION.[1]

III. (1) Before entering on the Curriculum (subject to the proviso contained in Section IV., Sub-section 1) each student shall pass a Preliminary Examination in the following subjects:—

1. English.
2. Latin or Greek.
3. Mathematics.
4. One of the following:—Latin or Greek (if not already taken), French, German, Italian (or such other language as the Senatus Academicus may approve), Dynamics.

(2) The examination must be passed in the matters and on the standards hereinafter defined; but there shall be a higher and a lower standard in Latin and in Greek, and a higher, an intermediate, and a lower standard in Mathematics.

Candidates must pass on the higher standard in at least one of these three subjects, and may pass on the lower standard in either or both of the remaining two; subject always to the conditions relative to attendance contained in Section IV. hereof.

(3) English shall include Grammar and Composition, and the outlines of Geography and British History, and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

In the case of a foreign student, whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint-Board of Examiners may deem sufficient.

The Joint-Board has issued the following directions showing the character of the papers to be set in English:—

English will include (*a*) Grammar, (*b*) Composition, (*c*) Literature, (*d*) History, and (*e*) Geography.

(*a*) Grammar will include Analysis, Parsing, Derivation, and Correction of Sentences.

(*b*) Composition will include an Essay and Paraphrasing.

(*c*) Literature will comprise a knowledge of certain prescribed books of two or three writers. Questions requiring a general knowledge of the life and works of the greater writers will not be set; but one or two questions may be set, giving an opportunity to candidates who have read widely in English Literature to show their knowledge. The prescribed books will be:—For 1898, Shakespeare, *The Tempest*; Scott, *Heart of Midlothian*; Milton, *L'Allegro, Il Penseroso, Arcades, Comus, Lycidas*; Addison, *Selections from the Spectator* (Macmillan, ed. Deighton). For 1899, Shakespeare, *Julius Caesar*; Scott, *Kenilworth*; Matthew Arnold, *Selections* (Macmillan); Johnson, *Life of Pope.*

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[1] Supplementary Regulations issued by the Joint Board on 31st January, 1898, have been inserted in smaller type at the points in the ordinances to which they refer.

(*d*) History will include a knowledge of one of the three following periods to be taken in successive years in the order herein mentioned, namely:—The outlines of the History of both England and Scotland from the Union of the Parliaments in 1707 to the Reform Bill of 1832 (for April and October, 1898); from the Roman Occupation to 1603 (for April and October, 1899); from 1603 to the Union of the Parliaments in 1707 (for April and October, 1900).

(*e*) Geography will include a general knowledge of the Geography of the World, and a special knowledge of the Geography of the British Empire.

(4) Latin and Greek shall comprise grammatical questions, translation into English from Latin or Greek authors not previously prescribed, and translation of plain passages or easy sentences from English into Latin or Greek. The higher standard shall not be lower than that presently [before October, 1892] adopted in the examination for a Curriculum of three sessions, or for the Higher Grade Leaving Certificate of the Scotch Education Department, and the lower standard shall not be lower than that presently adopted for the Lower Grade Leaving Certificate of the said Department.

The Latin examination on the higher standard will be—Translation, Prose Composition, Grammar, and Sentences.

The Greek examination on the higher standard will be—Translation, Sentences, and Grammar.

The passages for translation both from Greek and Latin will include Prose and Verse.

The Latin examination on the lower standard will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

The Greek examination on the lower standard will be—Translation, Sentences, and Grammar.

In the Latin and the Greek papers both on the higher and lower standards, candidates are required to satisfy the Examiners both in Composition and in Translation.

Candidates who, having taken in Latin or Greek the examination on the higher standard, have failed to pass on that standard, but have obtained a percentage of marks equivalent to a pass on the lower standard, may be held by the Board to have passed the examination on the lower standard.

(5) French, German, and Italian shall comprise grammatical, literary, and easy philological questions, translation into English from French, German, or Italian authors not previously prescribed, and translation from English into French, German, or Italian; and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

For the examination in French and German—

Two papers shall be set, both in French and German—an hour and a half being allowed for the first paper, and two hours for the second; the first paper will contain a passage for translation from English into French or German, with some short sentences of an idiomatic character; the second paper will contain a set of grammatical questions, two passages for translation into English (one in verse, one in prose), and a selection of literary or philological questions, from which the candidate will be allowed to choose *one only*.

The questions on Literature will be confined, year by year, to certain groups of authors, as in the following scheme, viz.:

French.—(i.) In October, 1898 (19th century)—Chateaubriand, Madame de Staël, Lamartine, Victor Hugo, Alfred de Musset, Alexandre Dumas, George Sand, Balzac, Prosper Mérimée, Guizot, Thiers, Mignet, Michelet. (ii.) In April and October, 1899 (17th century)—Pascal, Descartes, Corneille, Racine, Moliere, Boileau, La Fontaine, Madame de Sévigné, Bossuet, Fénelon, La Rochefoucauld, La Bruyère.

German.—(i.) In October, 1898—Jean Paul, the Schlegels, Novalis, Tieck, Arnim, Brentano, Grillparzer, Heine, Uhland. (ii.) In April and October, 1899—Klopstock, Wieland, Lessing, Herder, Bürger, Voss, Friedrich Leopold Stolberg, Hölty, Leisewitz.

(6) Mathematics on the lower standard shall comprise—(*a*) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (*b*) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above Equations; (*c*) Geometry: Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration.

(7) Mathematics on the intermediate standard shall include the following, in addition to the subjects included in the lower standard, viz.:—(*a*) Euclid: Book VI., Propositions 1-19, or Geometry equivalent thereto. (*b*) Algebra: Quadratic Equations, Ratio and Proportion. (*c*) The Trigonometry of Right-angled Triangles.

(8) Mathematics on the higher standard shall, in addition to what is included on the lower standard, comprise Euclid, Books IV., VI., and the first twenty-one propositions of Book XI. (or their equivalents), with Deductions, Quadratic Equations, Trigonometry to the Solution of Triangles inclusive, and the use of Logarithmic Tables.

In the examination in Mathematics on the higher and intermediate, and on the lower standards each question in Geometry will consist of two parts, of which one will be an easy deduction or illustrative exercise on the proposition set as bookwork.

The papers in Mathematics on the higher standard and on the intermediate standard will be devoted to the various subjects comprised in them as nearly as possible in the following proportions: two-fifths to Geometry, two-fifths to Algebra (including Arithmetic, if thought desirable), and one-fifth to Trigonometry.

Candidates for the higher standard may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

The pass-mark for candidates on the intermediate standard is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the intermediate standard; but such candidates will receive credit for any question they may answer.

The paper in Mathematics on the lower standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

(9) Dynamics shall mean the Elementary Statics and Kinetics of Solids, Liquids, and Gases.

The paper on Dynamics will be directed to test the candidate's knowledge of the fundamental principles of the subjects included in it. As far as possible each question will consist of two parts, one of which will be a numerical or other simple illustrative example of the principle with which the other part of the question deals. About one-seventh of the paper will be devoted to Kinematics, and the remainder of the paper will be assigned to Kinetics, Statics, and Hydrostatics in as nearly as possible equal proportions.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each section of the paper.

Dynamics shall include the following:—(*a*) *Kinematics.* Displacements, velocities and accelerations of a moving point, with their compositions and resolutions. Translation of a rigid body. Relative velocity of two moving points. (*b*) *Kinetics.* The laws of motion. Momentum, force, energy, work—their measures in the British and C.G.S. systems of units. Change of units. Rectilinear motion of a particle under the action of constant forces. Free motion of a body under gravity, including projectiles. Atwood's machine. Impulsive forces. Direct impact of smooth spheres. (c) *Statics.* Composition and resolution of co-planar forces. Theory of co-planar couples. Conditions of equilibrium of forces in one plane. Centre of mass. Friction. Machines. Application of the principle of work to machines. (d) *Hydrostatics.* Definitions of *solid*, *fluid*, *liquid*, *gas.* Viscosity. Measure of the pressure at a point of fluid. Law of equable transmission of pressure. Laws of variation of pressure in heavy liquids. Resultant pressure of a heavy liquid on a plane surface, including the centre of pressure of a plane surface. Principle of Archimedes. Experimental determination of the densities of solids, liquids, and gases. Atmospheric pressure. The barometer. Boyle's Law. The siphon, pumps for liquids, air pumps, and the diving-bell.

Questions may be set which involve the Trigonometry of Right-angled Triangles.

(10) A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may *offer himself for re-examination* as often as may be necessary *to satisfy this condition.*[1]

IV. (1) Attendance on any class shall not qualify for graduation, unless the whole Preliminary Examination has been previously passed. *Any student who has passed in Latin, Greek, or Mathematics on the higher standard may attend a qualifying class in such subject or subjects without having passed in the other subjects of the examination, provided always that* (a) *no candidate shall be allowed to present himself for examination in any subject qualifying for graduation until he has passed the whole Preliminary Examination; and* (b) *no student shall be admitted to a degree in Arts unless he has attended qualifying classes in the University granting the degree, or in another Scottish University, as provided by Section* XXV. *hereof, for three academic years after he has completed his Preliminary Examination.*[1]

(2) Attendance on a class in any language included in the Preliminary Examination shall not qualify for graduation, unless the candidate, before entering the class, has passed the Preliminary Examination in that subject, and on the higher standard where a double standard is provided. He may, for that purpose, attend any Preliminary Examination held during the course of his study, taking only the paper set in that subject; provided always that the provisions of the sub-section immediately preceding shall have been satisfied.

(3) Attendance on a class in any language not included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed an examination in that language on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination.

(4) Attendance on a class of Mathematics or Natural Philosophy shall not qualify for graduation unless the candidate, before entering the class, has passed in Mathematics on the higher standard or on the intermediate standard.

V. (1) The Preliminary Examination shall be held at each University twice in each year, under such regulations as the Senatus, with the approval of the University Court, shall from time to time determine, and shall be conducted in writing.[2]

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[1] The words in italics are taken from a supplementary Ordinance No. 44, which was approved by Her Majesty in Council on 28th May, 1894, and came into force on 1st October, 1894. The ordinance provides that the alterations on Sections III. (10) and IV. (1) shall be held to have come into force on 1st October, 1892.

[2] For dates of Preliminary Examinations see Table on page 159.

TABLE OF PRELIMINARY EXAMINATIONS FOR DEGREES IN ARTS, SCIENCE, AND MEDICINE TO BE HELD DURING SESSION 1898-99.

I. ARTS AND SCIENCE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. 10s. 6d.	12th September or 13th March.	Italian, - -	Friday, 30th September, 2 to 5 p.m.	Friday, 31st March, 2 to 5 p.m.
		English, - -	Saturday, 1st October, 9 to 11 a.m., and 12 noon to 2 p.m.	Saturday, 1st April, 9 to 11 a.m., and 12 noon to 2 p.m.
		Lower Greek, -	Saturday, 1st October, 3 to 6 p.m.	Saturday, 1st April, 3 to 6 p.m.
		Lower Latin, -	Monday, 3rd October, 9 a.m. to 12 noon.	Monday, 3rd April, 9 a.m. to 12 noon.
		Lower Mathematics	Monday, 3rd October, 2 to 5 p.m.	Monday, 3rd April, 2 to 5 p.m.
		Higher Latin, -	Tuesday, 4th October, 9 to 11 a.m., and 12 noon to 2 p.m.	Tuesday, 4th April, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (1st Paper),	Tuesday, 4th October, 3 to 4.30 p.m.	Tuesday, 4th April, 3 to 4.30 p.m.
		Higher Greek, -	Wednesday, 5th October, 9 to 11 a.m., and 12 noon to 2 p.m.	Wednesday, 5th April, 9 to 11 a.m., and 12 noon to 2 p.m.
		German (1st Paper),	Wednesday, 5th October, 3 to 4.30 p.m.	Wednesday, 5th April, 3 to 4.30 p.m.
		Intermediate and Higher Math., -	Thursday, 6th October, 9 to 11 a.m., and 12 noon to 2 p.m.	Thursday, 6th April, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (2nd Paper),	Thursday, 6th October, 3 to 5 p.m.	Thursday, 6th April, 3 to 5 p.m.
		German (2nd Paper),	Friday, 7th October, 9 to 11 a.m.	Friday, 7th April, 9 to 11 a.m.
		Dynamics, - -	Friday, 7th October, 1 to 4 p.m.	Friday, 7th April, 1 to 4 p.m.

II. MEDICINE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. 10s. 6d.	12th September or 13th March.	English, - -	Saturday, 1st October, 9 a.m. to 12 noon.	Saturday, 1st April, 9 a.m. to 12 noon.
		Greek, - - -	Saturday, 1st October, 3 to 6 p.m.	Saturday, 1st April, 3 to 6 p.m.
		Latin, - - -	Monday, 3rd October, 9 a.m. to 12 noon.	Monday, 3rd April, 9 a.m. to 12 noon.
		Mathematics, -	Monday, 3rd October, 2 to 5 p.m.	Monday, 3rd April, 2 to 5 p.m.
		French, - -	Tuesday, 4th October, 3 to 6 p.m.	Tuesday, 4th April, 3 to 6 p.m.
		German, - -	Wednesday, 5th October, 3 to 6 p.m.	Wednesday, 5th April, 3 to 6 p.m.

(2) The Joint-Board of Examiners to be appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to accept the Higher Grade Leaving Certificate of the Scotch Education Department in any subject as an equivalent for the Preliminary Examination in that subject; and to accept the Lower Grade Leaving Certificate of the said Department as an equivalent for the Preliminary Examination on the lower standard in Latin, Greek, and Mathematics; provided they are satisfied that the standard of the examination, at which the said certificates were granted, is not lower than that required by this ordinance.

Under this sub-section the Joint-Board of Examiners has resolved as follows:—For the Preliminary Examination in Arts and Science the Higher and Honours Grade Leaving Certificates of the Scotch Education Department in Latin, Greek, and Mathematics will be accepted as equivalent to the higher standard in each of these subjects, as prescribed by the Arts Ordinance, and the Lower Grade Certificate to the lower standard; the Higher and Honours Grade Leaving Certificate in English, in Modern Languages, and in Dynamics will be accepted as equivalent to the standard prescribed for each of these subjects by the Arts Ordinance.

(3) The Joint-Board of Examiners shall have power to determine what examinations, if any, other than those for the Leaving Certificates of the Scotch Education Department, may be accepted as equivalent to the Preliminary Examination in whole or in part, provided they are satisfied that such other examinations are in fact equivalent thereto.

Under this sub-section the Joint-Board has resolved as follows:—

(*a*) A Degree in Arts or in Science, not being an Honorary Degree, in any of the Universities of the United Kingdom, shall exempt from the Preliminary Examination in Arts or in Science, as the case may be.

(*b*) A Certificate of having passed in the Honours or First Division in English in the London University Matriculation Examination will be accepted as equivalent to English in the Arts and Science Preliminary Examination; and the Joint-Board also accepts, for the Preliminary Arts and Science Examination (1) London University Matriculation Mathematics as equivalent to Lower Mathematics; (2) London University Matriculation Mechanics as equivalent to Dynamics; and (3) London University Intermediate Mathematics as equivalent to Intermediate and Higher Mathematics.

(*c*) Oxford University Senior Local Examinations, if passed with distinction, will be accepted as exempting *pro tanto* in Higher Latin, Higher Greek, French, German, and Intermediate Mathematics; also in English, provided that in English the candidate has passed with distinction in division 1, and in division 3, or 4, or 5; a pass without distinction, will be accepted *pro tanto* for Lower Latin, Lower Greek, and Lower Mathematics.

(*d*) Oxford University Higher Examination for Women will be accepted as exempting *pro tanto* for the Arts and Science in the case of Higher Latin, Higher Greek, English, and Lower Mathematics; and, if with distinction, for French and German, and Higher Mathematics.

(*e*) Cambridge University Local Examinations:—

1. Junior Locals. The pass with distinction will be accepted for Lower

Mathematics, provided the candidate has passed in Books I., II., and III. of Euclid, and in Quadratic Equations.

2. Senior Locals. The pass will be accepted as exempting *pro tanto* for Lower Latin, and Lower Greek, and for Higher Mathematics; and, if with distinction, for Higher Latin, Higher Greek, and English; and for Modern Languages.

(*f*) Cambridge University Higher Local Examinations will be accepted *pro tanto*.

(*g*) Oxford and Cambridge Schools Examination Board. Lower Certificate will be accepted for Lower Mathematics, provided the candidate has passed in three books of Euclid, and as far as Quadratic Equations in Algebra.

Higher Certificate. The pass will be accepted for Lower Latin, Lower Greek, and Lower Mathematics, provided the latter includes Elementary and Additional Mathematics; if with distinction, will be accepted for Higher Latin, Higher Greek, French, German, and Higher Mathematics.

(*h*) Victoria University. The Preliminary Examination will be held as exempting from the Preliminary proper, but not from the examination required for admission to a graduating class in any language.

(*i*) For the Preliminary Examination in Arts and Science, the Deans of the Faculties concerned are empowered to accept, *pro tanto*, such examinations qualifying for entrance to recognized Colonial and Foreign Universities (although not included in the list of Equivalent Examinations issued by the Joint-Board) as they consider to be sufficient, but on condition that they afterwards report each case to their respective Senates, and to the Joint-Board as soon as possible.

ORDINARY DEGREE.

VI. Candidates for the ordinary degree of Master of Arts may follow the Curriculum and take their degree in the subjects hitherto recognized for graduation, as provided by the regulations[1] contained in Ordinances Nos. 12, 14, 18, and 69 of the Commissioners under the Universities (Scotland) Act, 1858, subject always to the preceding provisions of this ordinance; or they may vary the Curriculum for graduation under the regulations contained in the immediately succeeding sections.

VII. (1) Candidates shall attend full courses in at least seven subjects, and shall be examined on these subjects.

(2) Of these subjects four must be (*a*) Latin or Greek (not Modern Greek); (*b*) English or a Modern Language (*i.e.* French, German, Italian, or Spanish) or History; (*c*) Logic and Metaphysics, or Moral Philosophy; (*d*) Mathematics or Natural Philosophy.

(3) The remaining subjects may be selected by the candidate from the departments specified in Section IX. of this ordinance, under the following condition:—That the whole subjects taken shall include either (*a*) both Latin and Greek (not Modern Greek), or (*b*) both Logic and Moral Philosophy, or (*c*) any two of the following three subjects:—Mathematics, Natural Philosophy, and Chemistry.

VIII. (1) Each of the subjects must be studied in a full course of not less than one hundred meetings of the class on separate days, except in cases where the Senatus, with the approval of the University Court, shall have sanctioned, as qualifying for graduation, half courses of not less than fifty meetings on separate days; or where the Senatus, with the approval of the said Court, shall, having regard to the nature of the subject, sanction full courses of less than one hundred or of less than fifty meetings respectively.

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[1] See pp. 168, 169.

Under this sub-section the Senate, with the approval of the University Court, has sanctioned, as qualifying for graduation, half courses in the following subjects, viz.:—Latin, Greek, Philosophy of Law, Mathematics, Astronomy, Geology, Constitutional Law and History,[1] and Public Law.

(2) Two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

Under this sub-section the Senate, with the approval of the University Court, has determined that any two half courses in subjects which are taught only in half courses and not in full courses in Arts, shall be held to be equivalent to a full course, and that where in Arts a full course is given in any subject, a half course in such subject shall not be combined with a half course in any other subject, but only with a second half course in the same subject, both the systematic and practical portions of the courses being taken in cases where both are prescribed.

(3) Where a subject is taught in a practical class, as well as in a systematic class, the Senatus, with the approval of the University Court, shall regulate the course of study and determine the relative proportion of lectures and laboratory or practical work.

Under this sub-section the Senate, with the approval of the University Court, has resolved that in Chemistry, Botany, and Zoology the course of study for a Degree in Arts, and the relative proportion of lectures and laboratory or practical work, shall be as follows:—

1. Chemistry.—A systematic course of one hundred meetings of the class and a practical course of two and a half months.
2. Botany.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.
3. Zoology.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

IX. The departments of study for graduation in Arts in each University shall, if adequate instruction is provided, include the following subjects, with such additions or modifications in any University as may hereafter be made by ordinance of the University Court:—

1. *Language and Literature.*

Latin.
Greek.
English.
French.
German.
Italian.
Sanskrit.
Hebrew.
Arabic or Syriac.
Celtic.
Modern Greek.

2. *Mental Philosophy.*

Logic and Metaphysics.
Moral Philosophy.
Political Economy.
Education (Theory, History, and Art of).
Philosophy of Law.

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[1] Candidates for the Degree of Master of Arts with Honours in the Group of History may attend the course of eighty Lectures in Constitutional Law and History, and may reckon such attendance as attendance on a full course.

3. *Science.*

Mathematics.
Natural Philosophy.
Astronomy.
Chemistry.
Zoology.
Botany.
Geology.

4. *History and Law.*

History.
Archæology and Art (History of).
Constitutional Law and History.
Roman Law.
Public Law.

X. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the ordinary degree of Master of Arts on payment of the fees required.

DEGREE WITH HONOURS.

XI. (1) The degree of Master of Arts may be taken with Honours in any of the following Groups, in which Honours Classes shall have been established in at least two subjects:—

(*a*) Classics (*i.e.*, Latin and Greek, with optional subjects such as Comparative Philology, Ancient Philosophy, and Classical Archæology).
(*b*) Mental Philosophy.
(*c*) Mathematics and Natural Philosophy.
(*d*) Semitic Languages.
(*e*) Indian Languages.
(*f*) English (Language, Literature, and British History).[1]
(*g*) Modern Languages and Literature (*i.e.*, French, German, Italian, or Spanish).
(*h*) History.
(*i*) Economic Science [*i.e.*, Political Economy with either (*a*) Moral Philosophy or (*b*) History as supplementary Honours Subjects).[2]

(2) Every Candidate shall take up at least five subjects. Two of these subjects, under separate Professors or Lecturers, must be selected from the Candidate's Honours Group; and the five subjects shall include one from each of the Departments of Language and Literature, Mental Philosophy, and Science, set forth in Section IX. of this Ordinance.

(3) Every Candidate shall attend seven Classes, taking two Classes (one of which shall be an Honours Class) in each of his Honours subjects.

(4) A Candidate who has obtained Honours in any one Group, may, before graduating,[3] present himself again for examination in a second

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[1] The Senatus Academicus, in determining the courses to be attended within the Honours Group entitled "English (Language, Literature, and British History)," and the character of the examination specified in Section XI., sub-section 1 (*f*), shall regard English Literature as constituting the chief subject of the Group, the linguistic and historical subjects being regarded as subsidiary thereto.

[2] This Group of Honours was instituted by Ordinance No. 160, issued on 10th May, 1897, which comes into force when approved by Her Majesty in Council.

[3] Ordinance No. 168, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, enacts that, notwithstanding the provisions of this sub-section, a candidate who has already graduated may present himself for examination in any Honours Group within five years from the date of his first matriculation after having passed the Preliminary Examination. If he be successful in obtaining Honours, he shall receive a special certificate stating the Honours Group in which he has presented himself, and the class he has obtained in the Group.

Honours Group. In such a case, he shall not be required to attend more than two additional Classes, which shall be Honours Classes, in the second Group.

(5) The examination in the subjects comprised in the Candidate's Honours Group shall be of a higher standard than that required for the ordinary degree of Master of Arts. In his other subjects the standard shall be that required for the ordinary degree.

(6) The Senatus shall, subject to the provisions of Sections XVI. to XX. of this Ordinance, from time to time determine what subjects shall be comprised in each Group, what subjects may be taken in half courses, and in which Group they may be taken : Provided that no new Group shall be instituted except by Ordinance of the University Court.

(7) The provisions of Section VIII. of this Ordinance shall apply to Candidates for Honours ; but, in their case, not fewer than fifty meetings, on separate days, extending over an entire winter session, shall constitute a full course for an Honours Class; and not fewer than twenty-five meetings on separate days, extending over half a winter session, or an entire summer session, shall constitute a half course.

XII. (1) Every Candidate shall include Latin, or Greek, either in his Honours Group or as one of the subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

(2) Greek shall be compulsory for candidates for Honours in Mental Philosophy. *Candidates for Honours in Mental Philosophy who have included Latin, but not Greek, as one of the subjects in which the standard of examination is the same as that required for the ordinary degree of Master of Arts, shall be deemed to have satisfied the provisions of this sub-section, if, before they offer themselves for the Honours examination in Mental Philosophy, they shall have passed a special examination in translating into English, passages from the works of Greek philosophical authors,*[1] *including passages from the works of such authors not previously prescribed.*[2]

(3) Candidates for Honours in English, or Modern Languages and Literature, or History, or Economic Science[1] (Groups *f*, *g*, *h*, *i*, of Section XI. hereof), shall include within the whole subjects taken for their degree (*a*) Logic and Metaphysics or Moral Philosophy and (*b*) Mathematics or Natural Philosophy.

(4) Every candidate shall have obtained a certificate for his attendance on the class of Latin or Greek, under sub-section (1) or (2) of this section, before he offers himself for examination in his Honours group of subjects.[3]

(5) Candidates for Honours in Economic Science (Group (*i*) of Section XI. hereof), who take Moral Philosophy as their supplementary Honours subject, may take a half course in Civil Law and a half course in the Philosophy of Law, which, together, shall be deemed to constitute one of the subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.[4]

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[1] The following works have been prescribed, viz. (*a*), Plato's *Phaedo* or any book of the *Republic* ; (*b*) Aristotle's *Ethics*, Book I.

[2] The words in *italics* in this sub-section are taken from Ordinance No. 148.

[3] This sub-section is taken from Ordinance No. 148.

[4] This sub-section is taken from Ordinance No. 160. See second note on preceding page.

XIII. (1) The whole examination in the candidate's Honours Group must be taken at one time, and the whole examination necessary for graduation with Honours must be taken within five years from the date of the candidate's first matriculation after having passed the Preliminary Examination, unless that period shall be extended by the Senatus on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the extension.

(2) Candidates for Honours may be examined, at any time during their Curriculum, in the three subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

XIV. (1) A candidate who has passed the examinations necessary for the ordinary degree of Master of Arts, but who has not yet graduated,[1] may present himself for Honours within five years from the date of his first matriculation after having passed the Preliminary Examination, and shall not be required to attend further classes:—subject always to the provisions of Section XII. hereof.

(2) No one shall be allowed to present himself a second time as a candidate for the degree of Master of Arts with Honours, who, upon examination, has failed to obtain Honours.

(3) A candidate shall be held to have presented himself who has notified his name for Examination in accordance with the University regulations. But it shall be in the power of the Senatus to relax this rule on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XV. (1) In each Group there shall be three Grades of Honours, to be denominated respectively the First, Second, and Third Class. The names of the candidates entitled to Honours in each class shall be arranged in alphabetical order.

(2) For the degree of Master of Arts with Honours a Diploma shall be given setting forth the subjects in which he has taken Honours.

BOARDS OF STUDIES.

XVI. The Senatus of each University shall from time to time institute Boards of Studies corresponding as nearly as may be to the Departments of Study enumerated in Section IX. of this Ordinance.

XVII. Each Board of Studies shall consist of such Members of the Senatus and Lecturers in the University as the Senatus may from time to time select, and the Senatus shall appoint one of the Members of the Board to be Convener thereof.

XVIII. Before the end of each winter session each Professor and Lecturer in the said Departments of Study shall submit to the proper

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[1] Ordinance No. 168, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, enacts that, notwithstanding the provisions of this sub-section, a candidate who has already graduated may present himself for examination in any Honours Group within five years from the date of his first matriculation after having passed the Preliminary Examination. If he be successful in obtaining Honours, he shall receive a special certificate stating the Honours Group in which he has presented himself, and the class he has obtained in the Group.

Board of Studies for its approval a syllabus of the subjects and books proposed for the work of his class for the next academical year. As soon as such approval has been given, the syllabus shall be transmitted to the Faculty of Arts for its consideration. The syllabus, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

In addition to the syllabus of subjects specified in Section XVIII., the Professors, and in the case where a subject is taught by a Lecturer only, the Lecturer or Lecturers, shall submit to the proper Board of Studies a syllabus of the subjects and books to be prescribed for the examinations for the Ordinary Degree of Master of Arts in the next academical year, and for the Honours examinations in the academical year next but one.

XIX. (1) Before the end of each winter session each Board of Studies shall prepare a scheme defining for the academical year next but one following, the classes which shall be deemed to be Honours Classes, and the subjects and courses of reading for Honours in its department, and shall report the same to the Faculty of Arts for its consideration. The scheme, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

(2) Each Board shall in like manner make recommendations through the Faculty of Arts to the Senatus in regard to the half courses which may be sanctioned under the provisions of this ordinance, and the Lectures which may be given on special subjects.

XX. The Principal and the Dean of the Faculty of Arts shall be *ex-officio* Members of each Board of Studies. The Convener shall preside, and, in his absence, each meeting shall appoint its own Chairman, and every Chairman shall have a deliberative, and, in cases of equality, a casting vote.

GENERAL.

XXI. In the case of a foreign student whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint Board of Examiners may deem sufficient. In the case of a student whose native language is other than European, the Senatus may accept as an alternative to Latin or Greek any other classical language, such as Sanskrit or Arabic, subject always to the provisions of Section IV., Sub-section 3 hereof.

XXII. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class as qualifying for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XXIII. The examination in all the languages in the Curriculum shall, as far as possible, be on the same standard in examinations for the same degree, and shall in all cases test the candidate's knowledge of the history and literature of the several countries.

XXIV. A candidate for the degree of Master of Arts shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XXV. A student, who has given attendance at classes recognized as qualifying for graduation during one or more sessions in any one or more of the Scottish Universities, may complete his Curriculum by giving attendance during the remainder of his course in another Scottish University, and may proceed to a degree in the latter University in the same way, in all respects, as if the previous part of his Curriculum had been taken therein: Provided always that every such student shall be bound to produce, to the satisfaction of the Senatus of the latter University, certificates of his having passed the Preliminary Examination, and of his attendance at the former University or Universities, and shall be examined in all the subjects necessary for a degree of Master of Arts by the Examiners of the University in which he completes his Curriculum, and in which alone he shall be allowed to graduate; and that no such student shall be admitted to a degree in any University unless he has given attendance in such University during the last winter session of his Curriculum, and one other winter session or two summer sessions.

XXVI. A candidate for the degree of Master of Arts with Honours, who has failed to be placed in any class, may, provided that in the opinion of the Examiners he has given evidence of sufficient attainments in any subject for the ordinary degree of Master of Arts, receive from them a certificate of having passed in such subject, which shall count *pro tanto* as part of the examination required under the regulations for the ordinary degree of Master of Arts.

XXVII. The degree of Master of Arts shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum.*

XXVIII. A student who, previous to 1st October, 1892, commenced his course of study with a view to graduation in Arts in any of the Scottish Universities under the regulations[1] in force at the time in such University, may complete his course and become a candidate for the degree of Master of Arts, with or without Honours, in conformity with such regulations. And any such student who has passed the examination hitherto required for admission to a Curriculum of three sessions shall, if he desire to come under the regulations of this Ordinance, be exempted from the Preliminary Examination herein required.

XXIX. Students may attend any classes without having passed the Preliminary Examination within the meaning of this Ordinance, but such attendance shall not qualify for graduation.

Attendance on classes in the Faculty of Arts in which the teaching is on the standard at present recognized for the classes hitherto known as Junior or Middle Classes, shall in no case qualify for graduation.

XXX. It shall be competent for the University Court in each University to discontinue the Junior Classes, or Middle Classes, where such exist, in Latin, Greek, and Mathematics, when, in the opinion of the Court, the provision for Secondary Education in schools throughout the country is sufficient to render such classes no longer necessary.

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[1] See pp. 168, 169.

REGULATIONS APPLICABLE TO ALL WHO BEGAN THEIR ACADEMICAL COURSE BEFORE 1ST OCTOBER, 1892.

I. The ordinary course of study necessary for the Degree of Master of Arts (except in the circumstances mentioned in the following paragraph) extends over four winter sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, English Literature, and Natural Philosophy respectively.

II. Any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, may be admitted to such higher class or classes without having attended the Junior class or classes, in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.

III. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the Junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

IV. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other Scottish University, to complete his course of study and proceed to the Degree of M.A. in this University: Provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University: Provided also, that no student shall be admitted to a degree in this University unless he has given attendance in this University during the last two sessions of his course.

V. Any student who has completed the required attendance on the Latin and Greek classes, may be examined on those subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic, Moral Philosophy, and English Literature, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

VI. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a degree, offer themselves for a farther examination, with a view to Graduation with Honours:[1] Provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours, but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts: Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill-health or other sufficient cause.[2]

There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination, viz.:—

A. Classical Literature;
B. Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy;
C. Mathematics, including Pure Mathematics and Natural Philosophy; and
D. Natural Science, including Botany, Geology, Zoology, and Chemistry.

In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class; but in the department of Natural Science there is one class of Honours only; and the names of the candidates entitled to Honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

The papers for the examinations under the old regulations are the same as those in the corresponding subjects for the Degree of M.A. under the new regulations, and the examinations take place at the same time.

For Dates of Examination, see Table on p. 179.

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[1] The provisions with regard to Honours contained in this and the following paragraphs are applicable only to those who began their curriculum before session 1892-93.

[2] By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill-health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.

The Examination Questions set in April, 1898, in the several Departments and Subjects will be found towards the end of the *Calendar*.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	**October, 1898.** VIRGIL, *Æneid*, Book VII. HORACE, *Odes*, Books I, II, III, IV. HORACE, either (*a*) *Epistles*, I, or (*b*) *Epistles*, II. with *Ars Poetica*. TACITUS, *Annals*, I. Any one of the following: (*a*) CICERO, any oration or a philosophical book of not less than 40 chapters; (*b*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY, from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. Latin Prose Composition and Grammar. **April and October, 1899.** VIRGIL, *Æneid*, Book VIII. HORACE, *Odes*, Books I, II, III, IV. HORACE, *Satires*, Book I, or *Epistles*, II. with *Ars Poetica*. TACITUS, *Annals*, II. Either (*a*) CICERO, *De Officiis*, II, III, or (*b*) CICERO, *In Verrem*, II, IV (*De Signis*). ROMAN ANTIQUITIES (*Ramsay, Caps. II to VIII inclusive, and Cap. XI*). ROMAN HISTORY from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. *Note.*—Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is required, so as to enable a student to explain and comment on the text, and explain allusions.	**October, 1898, and afterwards till further notice.** VERSE. VIRGIL, *Æneid*, VII—XII. HORACE, the *Satires* and *Epistles*. And any two (or more) of the following combinations: (*a*) LUCRETIUS, Books I, II (or III and IV to line 1019, with a play of PLAUTUS. (*b*) JUVENAL (the whole excepting *Sat.* II, VI, and IX). (*c*) PERSIUS, with Sellar's Selections from Martial, Books I-IV. (*d*) CATULLUS (Clarendon Press Selection) and PROPERTIUS (Ramsay's Selection). PROSE. CICERO, the *Philippic Orations*, I-VI, or any oration of Cicero, or any consecutive portion of Cicero's *Epistles* (Muirhead's or Prichard and Bernard's Selections) of at least equal length. LIVY, I-III, or XXI-XXIII. TACITUS, *Annals*, Books I-IV. With Latin Composition, History, and Antiquities, etc. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GREEK	**October, 1898.** HOMER, *Iliad* VI or IX. SOPHOCLES, *Œdipus Tyrannus*, or EURIPIDES, *Bacchæ*. HERODOTUS, VI, 1—93, or III, 1—84. PLATO, *Republic*, II. Unseen translation and composition. History of Greece; either Chap. I—XX in Oman's *History*; or Chap. XXI—XXXV (*i.e.* 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities. **April and October, 1899.** HOMER, *Iliad*, IX, or *Odyssey*, XI. ARISTOPHANES, *Equites*. HERODOTUS, VI, 1—93, or DEMOSTHENES, *Philippics*, I—IV. ISOCRATES, *Panegyricus*, 1—132. Unseen translation and composition. Holm's *History of Greece*, Vol. II. Questions on Greek Grammar and Literature.	**April, 1899,[1] and afterwards till further notice.** HOMER, *Iliad*, I, VI, IX, XVI, XXII; and *Odyssey*, VI, X, XI, XIV, XXIII. DRAMA. AESCHYLUS, *Agamemnon*, and SOPHOCLES, *Antigone*. HISTORY. Either THUCYDIDES, I, or HERODOTUS, VII. PHILOSOPHY. PLATO, either *Phædo* or *Republic*, II, IV, and V, to page 466, omitting pages 458—461 (=Chap. I—XIII, omitting VIII and IX). ARISTOTLE, either *Poetics*, omitting Chap. XX and XXI, or *Politics*, I—II, 6 inclusive. TWO ADDITIONAL BOOKS to be chosen by the Candidate subject to the special approval of the Professor, which must be applied for at least Three Months before the Examination. By a Book is meant an amount of continuous Prose equal to a Book of Herodotus or Thucydides, or an amount of continuous Poetry equal to *two* plays. Besides passages for translation from the above books, Questions will be set upon the Text, Interpretation, and Subject Matter. A pure and accurate English style in translation is considered of the highest importance.

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[1] In April and October, 1899, candidates may, on obtaining special permission, follow the rules published in the *University Calendar* for 1897-8. For the regulations applicable to October, 1898, see *University Calendar* for 1897-8, page 167.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
ENGLISH LITERATURE	**October, 1898.** A. For students of session 1896-97:—(1) English Composition; (2) English Philology; (3) English Imaginative Literature, 1796–1824, especially the poems of Wordsworth, Coleridge, Scott, Byron, Shelley (optional for women students), Keats (optional for men students), and the following Novels, *Pride and Prejudice*, *Emma*, *The Heart of Midlothian*, *The Bride of Lammermoor*, *Ivanhoe*, *Old Mortality*, *Rob Roy* (the last two optional); (4) (*a*) Shakespeare's *Macbeth* (Clar. Press); (*b*) *Selections from the Spectator*, ed. Deighton. B. For students of session 1897-98:—(1) English Composition; (2) English Philology; (3) Elizabethan Drama, especially Marlowe's *Dr. Faustus* and *Edward II.*; Shakespeare's *Two Gentlemen of Verona*, *Richard II.*, *Much Ado about Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus*, *The Tempest*; Jonson's *Alchemist*; Webster's *Duchess of Malfi*; Milton's *Samson Agonistes*; (4) (*a*) *Selections from the Spectator*, ed. Deighton, with compulsory question on the text; (*b*) Palgrave's *Golden Treasury of Songs and Lyrics*, Book IV. Students of sessions prior to 1896-97 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.* **April and October, 1899.** A. For students of session 1897-98, the subjects of that session specified above under B. B. For students of session 1898-99, the subjects specified on p. 65. Students of sessions prior to 1897-98 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.*	In 1898, and until further notice, the subjects of examination in English[1] (Language, Literature, and British History) will be as follows:— I. LANGUAGE.—English Philology, with Sweet's *Anglo-Saxon Reader* and Morris and Skeat's *Specimens of Early English*, Parts 1 and 2. II. LITERATURE.—(1) General History of English Literature either from 1350 to 1660, or from 1660 onwards. (2) Shakespeare. (3) A special subject, viz., the works of two or (generally) three authors, one being a poet and one a prose writer. The special subject must be approved by the Examiners, and candidates should apply to the Professor in regard to it. III. HISTORY.—The History of Great Britain and Ireland, either (*a*) from 1714 to 1815, with special reference to the following works of Burke:—*Thoughts on the Present Discontents*; *Speeches on American Taxation*; *Reflections on the French Revolution*: or (*b*) from 1603 to 1714, with special reference to the following works:—Milton's *Reason of Church Government* and *Tenure of Kings and Magistrates*; Butler's *Hudibras*; Dryden's Satires; Swift's *Conduct of the Allies*. *N.B.*—In October, 1898, candidates may be examined, if they wish, in the General History of English Literature from 1350 to 1898 (instead of II. (1) above), and also in the Outlines of British History to 1815.

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[1] See p. 163, and note at foot of page.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
FRENCH	**October, 1898.** For students of session 1897-98:—I. History of the French Comedy in the Seventeenth and Eighteenth Centuries; II. History of France from Louis XIV. (inclusive) to the Revolution (inclusive); III. Outlines of French Philology; IV. Translation into and from French; V. Racine, *Les Plaideurs;* Molière, *Tartufe, Le Misanthrope, L'Ecole des Femmes, L'Avare;* Regnard, *Les Folies Amoureuses;* Le Sage, *Turcaret;* Marivaux, *Le Legs, L'Epreuve;* Beaumarchais, *Le Barbier de Séville.* **April and October, 1899.** I. The subjects of the class lectures. II. Translation into and from French. III. History of France from the Revolution (exclusive)	**April and October, 1899.** I. Translation into French from English and from Old French. II. Philology: History of the French Language; Historical Grammar. III. (*a*) General History of French Literature (text-book: Lanson, *Histoire de la Littérature française*); (*b*) Molière, or J. J. Rousseau, or Victor Hugo; (*c*) One of the following: (1) Chrétien de Troies and the Arthurian Romances, (2) Rabelais, (3) La Pleïade, (4) Pascal, (5) The "Encyclopédistes," (6) Alfred de Vigny. IV. General History of France. French Institutions.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GERMAN	**October, 1898.** A. For students of session 1896-1897:—(1) History of German Literature from its beginning till 1492; (2) Translation into modern German from the *Nibelungenlied*; (3) Higher Syntax of the New-High-German written language; (4) Lenau's *Savonarola*; Freytag's *Journalisten*; Scheffel's *Trompeter*; Jordan's *Durchs Ohr*; Keller's *Der grüne Heinrich*; Spielhagen, *Die Sturmflut*; (5) German Life and Institutions; (6) Translation into and from modern German; Brandt, *A Grammar of the German Language*; Wackernagel, *Geschichte der deutschen Literatur*. B. For students of session 1897-98:—(1) History of German Literature of the time of Lessing, Goethe, and Schiller; (2) Higher Accidence of the New-High-German written language; (3) Lessing's *Minna v. Barnhelm*, *Emilia Galotti*, *Laokoon*, *Nathan der Weise*; Goethe's *Faust* (I. and II.), *Egmont*, *Iphigenia*, *Wilhelm Meister's Lehrjahre*, *Lyrics*; Schiller's *Don Carlos*, *Braut v. Messina*, *Maria Stuart*, *Ballads*, *Philosophical Poetry*; (4) Translation into and from modern German; Brandt, *A Grammar of the German Language*; Wackernagel, *Geschichte der deutschen Literatur*. **April and October, 1899.** A. For students of session 1896-97 and 1897-98, as above. B. For students of session 1895-96 and 1898-99: (1) History of the German Literature after Goethe's death; (2) Higher New-High-German Syntax on an historical and comparative basis; (3) Translation into and from German; (4) A short German Essay; (5) Körner's *Zriny*; Tieck's *Junger Tischlermeister*; Kleist's *Penthesilea*; Lenau's *Faust*; Platen's *Abassiden*; Heine's *Lieder und Gedichte* (ed. Buchheim, "Golden Treasury Series"); Uhland's *Lyrics*; Hebbel's *Maria Magdalena*; Freiligrath's *Gedichte*; Freytag's *Aus meinem Leben*; Jordan's *Sebalds*; Wildenbruch's *Karolinger*; Brandt, *A Grammar of the German Language*; Wackernagel, *Geschichte der deutschen Literatur*.	**October, 1898.** For students of session 1897-98:— I. Paper. The modern German written language. Translation from English into German, from German into English, from Old-High-German into modern German. Comparative Philology of German and English; History of the German Language; Modern Accidence, Syntax, Idioms (in English). II. Paper. General History of the German Literature from the oldest times to the present (in German). III. Goethe or Schiller. One of the following subjects:—(*a*) Old-High-German Poetry; (*b*) Wolfram von Eschenbach; (*c*) The early German Drama up to the time of the Reformation; (*d*) Luther; (*e*) History of the German Legend (in German). IV. General History of Germany. German Life and Institutions. One of the following subjects: (*a*) Völkerwanderung; (*b*) Reformation; (*c*) The Eighteenth Century; (*d*) Economical History of Germany (in German). Books prescribed:—Brandt, *A Grammar of the German Language*; Braune, *Althochdeutsches Lesebuch*; Wackernagel, *Geschichte der deutschen Literatur*; Meyer, *Goethe*; Minor, *Schiller*; Wolfram's *Epic Poetry*; Creizenach, *Das deutsche Drama*; Berger, *Luther*; Grimm, *Die deutsche Heldensage*; Lamprecht, *Deutsche Geschichte*. **April and October, 1899.** A. For students of session 1897-98 as above. B. For students of session 1898-99:— I. Paper. The modern German written language. Translation from English into German, from German into English; German Phonetics. II. Paper. General History of the German Literature from the oldest times to the present (in German). III. Eighteenth century German; German style; German prosody; An essay in German. IV. Lessing. One of the following subjects; (*a*) the Gothic Language; (*b*) Nibelungenlegend; (*c*) the German novel; (*d*) Goethe; (*e*) Heinrich von Kleist; (*f*) Weltanschauungsgeschichte of Germany Books prescribed: Brandt, *A Grammar of the German Language*; M. Heyne, *Ulfilas*; Wackernagel, *Geschichte der deutschen Literatur*; Erich Schmidt, *Lessing*; Bielschowsky, *Goethe*; *Nibelungenlied*, ed. by Zarncke; O. Brahm, *Heinrich von Kleist*.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
HEBREW	**October, 1898.** The Book of Genesis. Psalms LXXIII–CVI. Any one of the following: (*a*) Joel, (*b*) Nahum, (*c*) Habakkuk, (*d*) Zephaniah. Unseen translation. Unpointed text to be pointed and translated. Translation from English into Hebrew. Questions on Grammar, Syntax, and Accents. Whitehouse's *Primer of Hebrew Antiquities.* Candidates are expected to be acquainted with Pentateuch Introduction as far at least as it is set forth in Spurrell's *Notes on the Book of Genesis* (2nd edition). They will also be examined on the formation and characteristics of the Psalter; and on the History of the period to which the selected Prophetical book belongs. **April and October, 1899.** The Book of Genesis. Psalms CVII–CXXXVII. The Book of Amos. The History of Israel, from the accession of Solomon to the downfall of Samaria. Whitehouse's *Primer of Hebrew Antiquities.* Pentateuch Introduction, as far at least as it is set forth in Spurrell's *Notes on the Book of Genesis* (2nd edition). Unseen translation; unpointed text to be pointed and translated; translation from English into Hebrew; and Grammar, Syntax, and Accents.	
LOGIC	The Class Lectures. Descartes' *Method* and *Meditations* (Veitch's translation).	**April and October, 1898 and 1899.** (*a*) Logic and Psychology: the subjects of the Class Lectures, Ordinary and Advanced. Candidates will be expected to have read some of the larger modern treatises on Logic, such as Mill, Venn, or Sigwart. (*b*) Metaphysics: (1) Kant's *Kritik of Pure Reason.* (2) Plato's *Republic*, Bks. V.—VII., *Philebus*, and *Timaeus*; *or* Aristotle's *De Anima* and *Post-Analyt.* (*c*) Candidates are, in addition, expected to offer for examination some book, author, period, or subject, to be approved by the Professor.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
MORAL PHILOSOPHY	The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the *Republic* of Plato (translated by Davies and Vaughan).	Candidates for Honours will be examined in:—(1) The Professor's Lectures; (2) Aristotle's *Ethics* (omitting Books VII, VIII, and IX), Aristotle's *Politics*, Books I—IV, and, in connection therewith, the History of Ethical Thought in Greece previous to Aristotle; (3) Spinoza's *Ethics;* (4) The Ethical Theory of Kant, together with Caird's *Philosophy of Kant*, Books II, III, IV, and Green's Prolegomena to Ethics; (5) a general knowledge of Modern Hedonism. Candidates are, in addition, expected to offer for examination some book, subject, author, or period; or to submit a thesis on a subject in Philosophy, *either* in Logic *or* in Moral Philosophy, such thesis to be lodged by the candidate when entering for examination.
POLITICAL ECONOMY	The Lectures and Text-books of the session in which the student has attended the class.	In 1899 and until further notice the subjects of examination for Honours in ECONOMIC SCIENCE will be as follows:— I. **Political Economy.** The subjects of the Class Lectures, Ordinary and Advanced. Prescribed books: Marshall, *Principles of Political Economy;* Bastable, *Public Finance;* Bagehot, *Lombard Street;* Keynes, *Scope and Method of Political Economy;* Cunningham, *Growth of English Industry and Commerce*, Vol. II; Nicholson, *Money and Monetary Problems;* Bastable, *Theory of International Values;* Goschen, *Foreign Exchanges;* Sidgwick, *Principles*, Book V. Candidates will be required to submit a thesis on some subject to be approved by the Professor. II. *Either* (*a*) **Moral Philosophy**—see the regulations for Honours in Moral Philosophy *ut supra.* *Or* (*b*) **History.** (i) The Outlines of British History to 1815. Prescribed book: Cunningham, *Growth of English Industry and Commerce*; (ii) European History, 1715 to 1815, with special reference to the economic history of Great Britain and France. Prescribed books: Adam Smith, *Wealth of Nations*, Books IV and V; De Tocqueville, *France before the Revolution.*
HISTORY OF CIVIL LAW.	The Class Lectures. (See page 164.)	
PHILOSOPHY OF LAW	Holland's *Jurisprudence* (any edition after the fourth). Maine's *Ancient Law.* Miller's *Philosophy of Law.*	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
EDUCATION	**October, 1898.** I. Theory of Education. II. Education as an Art. III. History of Education : (1) Education in Ancient Greece and Rome ; (2) The Rise of Universities, the Revival of Learning, Erasmus, the Jesuits, Comenius, Milton ; (3) Modern Primary Education, Pestalozzi, Froebel, Jacotot, Stow. **April and October, 1899.** I. Theory of Education. II. Education as an Art. III. History of Education : (1) Education in Ancient Greece and Rome ; (2) The Rise of Universities, the Revival of Learning, Erasmus, Luther, the Jesuits, Montaigne ; (3) Modern Primary Education, Pestalozzi, Froebel, Jacotot, Locke, Rousseau, Arnold, Stow.	
MATHEMATICS	Euclid, First Six Books, and Book XI, 1—21. Algebra, including Quadratic Equations, Progressions, and Binomial, Exponential, and Logarithmic Theorems. Plane Trigonometry, including the Solution of Triangles by the aid of Logarithmic tables.	*Second Class.*—In addition, Higher Algebra ; Plane Trigonometry ; Analytical and Geometrical Conics, and Differential and Integral Calculus so far as treated in the Intermediate Honours Mathematical Class. *First Class.*—In addition, Spherical Trigonometry, Solid Geometry, Differential and Integral Calculus, Differential Equations, and Elements of Finite Differences.
NATURAL PHILOSOPHY	Examination on the subjects explained in the class. On the Elements of Statics and Kinetics, with the solution of problems not requiring the Differential or Integral Calculus ; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.	Kinetics and Statics of a particle ; and an elementary knowledge of Elasticity of Solids and Thermo-dynamics. The subject of special course on Mathematical Physics for session of attendance. Portions of Thomson's *Electrical Papers.* Rigid dynamics, and portions of Thomson and Tait's *Natural Philosophy* (large work) ; also, either Fourier's *Théorie Analytique de la Chaleur*, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids.
ASTRONOMY	The Professor's Lectures during the session in which the student has attended the class, and Popular Astronomy.	
CHEMISTRY	General principles—Inorganic and Elements of Organic Chemistry. Text-books : Bloxam's *Chemistry* ; Newth's *Inorganic Chemistry* ; Armstrong's *Organic Chemistry* ; Remsen's *Organic Chemistry* ; Clowes' *Practical Chemistry* ; Gattermann's *Practical Methods of Organic Chemistry.*	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
ZOOLOGY	Text-books by Claus; Parker & Haswell; and Rolleston's *Forms of Animal Life* (Jackson's ed.).	
BOTANY	The general principles of the Science of Botany, including External Morphology, Anatomy and Physiology; also the chief characters of the Natural Orders of Phanerogams represented in the British Flora, and of the leading types of Pteridophyta, Bryophyta, and Thallophyta.	
GEOLOGY[1]	J. Geikie's *Outlines of Geology*; Green's *Physical Geology* and Lyell's *Manual*.	
HISTORY	The Professor's Lectures during the session in which the student attended the History Class; and the Text-books recommended for reading during that session.—*N.B.* A knowledge of Geography will be required.	Students will be examined in the following subjects in 1898-99, and until further notice:—(1) The Outlines of British History to 1837. This subject includes the History of England and Scotland, and the History of Ireland from the reign of Henry II. (2) The General History of the Constitution and Constitutional Law. Books recommended: Stubbs, *Constitutional History*; Stubbs, *Select Charters*; Hallam, *Constitutional History*; Erskine May, *Constitutional History*; Anson, *Law and Custom of the Constitution*; Dicey, *Law of the Constitution*; Bagehot, *The English Constitution*. (3) The Constitutional History of the Seventeenth Century, with special reference to the period, 1624-1660. Prescribed books: Hallam, *Constitutional History*; Gardiner, *Documents of the Puritan Revolution*. (4) European History from 1714 to 1815. Prescribed books: *Recueil des Instructions données aux Ambassadeurs de France, Autriche* (ed. by A. Sorel) from p. 151; *Mémoires de Frédéric II.*; *Diaries and Correspondence of the first Earl of Malmesbury*. *N.B.*—In (1) and (4) questions will be set in Historical Geography.
CONSTITUTIONAL LAW AND HISTORY	The Class Lectures and Taswell-Langmead's *English Constitutional History*; Stubbs' *Select Charters* (Introductory Sketch only). *Note.*—Candidates for LL.B. are referred to page 220 of *Calendar* for additional authorities recommended.	
ROMAN LAW	Institutes of Justinian (ed. Moyle or Sandars), and the Class Lectures. *Note.*—Candidates who aim at the LL.B. standard are recommended, in addition to the above, to profess *Dig.*, Lib. XVIII, Tit. I. The title is translated and annotated by Mackintosh—Roman Law of Sale.	
PUBLIC LAW	Hall's *International Law*.	

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[1] The examination in this and the three preceding subjects will be oral and practical, as well as by written papers.

TABLE OF EXAMINATIONS IN THE SUBJECTS FOR THE DEGREE OF M.A., TO BE HELD DURING SESSION 1898-99.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation[1] Office). Date.	Fee.	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set. September—October, 1898.	March—April, 1899.
15th Sept. or 9th March	£1 1s. for Each Subject until £5 5s. shall have been paid.	Astronomy,	Saturday, 1st Oct., 9—12 noon.	Saturday, 25th March, 9—12 noon.
		Geology,	Do., do., 1—3 p.m.	Do., do., 1—3 p.m.
		Zoology,	Monday, 3rd Oct., 10—12 noon.	Monday, 27th March, 10—12 noon.
		Botany,	Do., do., 12.30—2.30 p.m.	Do., do., 12.30—2.30 p.m.
		Chemistry,	Do., do., 3—5 p.m.	Do., do., 3—5 p.m.
21st Sept. or 7th March		French (1st Paper),	Tuesday, 4th Oct., 3—4.30 p.m.	Tuesday, 4th April, 3—4.30 p.m.
		Do. (2nd Paper),	Thursday, 6th Oct., 3—5 p.m.	Thursday, 6th April, 3—5 p.m.
		German (1st Paper),	Wednesday, 5th Oct., 3—4.30 p.m.	Wednesday, 5th April, 3—4.30 p.m.
		Do. (2nd Paper),	Friday, 7th Oct., 9—11 a.m.	Friday, 7th April, 9—11 a.m.
		Philosophy of Law,	Monday, 3rd Oct., 9—12 noon.	Monday, 27th March, 9—12 noon.
		Public Law,	Tuesday, 4th Oct., 2—5 p.m.	Tuesday, 28th March, 2—5 p.m.
		Education,	Do., do., 9—12 and 2—5 p.m.	Thurs., 30th March, 9—12 and 2—5 p.m.
		Roman Law,	Wednesday, 5th Oct., 9—12 noon.	Wednesday, 29th March, 9—12 noon.
		Constitutional Law and History,	Do., do., 2—5 p.m.	Do., do., 2—5 p.m.
		Political Economy,	Do., do., 6—9 p.m.	Do., do., 6—9 p.m.
		History,	Thurs., 6th Oct., 9—12 and 2—5 p.m.	Friday, 31st March, 9—12 and 2—5 p.m.
		Mathematics,	Friday, 7th Oct., 10—1 and 2—5 p.m.	Friday, 7th April, 10—1 and 2—5 p.m.
		Natural Philosophy,	Saturday, 8th Oct., 10—1 and 2—5 p.m.	Saturday, 8th April, 10—1 and 2—5 p.m.
		Latin,	Monday, 10th Oct., 10—12, 1—3, and 4—6 p.m	Monday, 3rd April, 10—12, 1—3, and 4—6 p.m.
		Greek,	Tuesday, 11th Oct., 10—12, 1—3, and 4—6 p.m.	Tuesday, 4th April, 10—12, 1—3, and 4—6 p.m.
		Latin and Greek,	Thursday, 13th Oct., and following days at 11 a.m. (Orals.)	Thursday, 6th April, and following days at 11 a.m. (Orals.)
		Classics. Mental Philosophy,	Friday, 14th Oct., 2—6 p.m. (Honours.)	Saturday, 1st April, 2—6 p.m. (Honours.)
		Logic,	Wed., 12th Oct., 10—1 & (Hon.) 2—5 p.m.	Wed., 5th April, 10—1 & (Hon.) 2—5 p.m.
		Moral Philosophy,	Thur., 13th Oct., 10—1 & (Hon.) 2—5 p.m.	Thur., 6th April, 10—1 & (Hon.) 2—5 p.m.
		English Literature,	Friday, 14th Oct., 10—1 p.m.	Saturday, 1st April, 10—1 p.m.
		Hebrew,	Saturday, 15th Oct., 10—1 & 2—5 p.m.	Thurs., 30th March, 10—1 and 2—5 p.m.

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[1] When names are not given in, and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

2.—GRADUATION IN SCIENCE.

The Scottish University Commissioners (1889) have ordained that two Degrees in Science may be conferred by each of the Universities of Scotland—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.). These degrees may be given in Pure Science and in Applied Science.

Degrees in Pure Science.

The following are the provisions of Ordinances No. 12[1] and No. 42 as they apply to this University :—

I. Two Degrees in Science may be conferred by the University of Glasgow—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.).

II. Every candidate for the Degree of Bachelor of Science must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for Degrees in Arts); and the conditions with respect thereto imposed by that ordinance (see pp. 155–161, 166) are applicable in all respects to candidates for the Degree of Bachelor of Science, except as follows :—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard[2]; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court after consultation with the Senatus, exempts from the Preliminary Examination.

III. (1) Candidates for the Degree of Bachelor of Science must, in the course of not less than three academical years, attend at least seven courses of instruction, in subjects prescribed for examination under Sections VIII. and IX. below.

(2) Three of these courses must be in subjects prescribed for the First Science Examination under Section VIII.; and four must be in subjects prescribed for the Final Science Examination under Section IX.

IV. (1) Four of the seven courses must be taken in this University.

(2) Three may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science: Provided that the fees for attendance at an approved Institution or under a recognized teacher in

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[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 485-488, and the modifications made by Ordinance No. 42 were indicated, by means of square brackets, in the *University Calendar* for 1894-95.

[2] A student who, having passed the Arts Preliminary Examination in accordance with the provisions of Ordinance No. 11, has thereafter obtained a certificate of attendance on a qualifying class of Mathematics, shall not be required to pass any further examination in Mathematics as a condition of entering on the course of study for graduation in Science under the provisions of Ordinance No. 12. See Ordinance No. 44, Section V. Candidates for the Degree of B.Sc. in Pure Science may offer themselves for examination in Mathematics on the intermediate instead of on the higher standard; provided that in addition to the ancient or modern language already taken they also offer themselves for examination in a modern language as a fifth subject, such further examination to be on the standard prescribed by the Joint Board for the Medical Preliminary. Notwithstanding these provisions, candidates shall not be entitled to profess at the Final Science Examination Mathematics Natural Philosophy, or Astronomy, unless they have passed the Preliminary Examination in Mathematics on the higher standard. See Ordinance No. 155, Section I.

Glasgow shall not be less than the fees exigible for the corresponding courses in the University.

V. All candidates, not matriculated students of the University, availing themselves of the permission to attend lectures at approved Institutions or by recognized teachers in Glasgow, shall at the commencement of each year of such attendance enrol their names in a book to be kept for that purpose in the University, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; but two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of each Professor and Lecturer annually at the end of each winter session to submit to the Board of Studies a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Board of Studies shall transmit the schemes to the Faculty of Science, who shall submit them to the Senate with such observations as they may think fit to make thereon. The Senatus transmits such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science transmits such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless they shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

VIII. (1) There is a First Science Examination[1] in the three following subjects—viz., (1) Mathematics or Biology (*i.e.* Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects is the same as the examination in these subjects for the Ordinary Degree of Master of Arts.

(3) Candidates may present themselves in any one or more of these subjects at any examination held after they have attended a full course in the subject or subjects professed.

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[1] This examination includes practical work in the subjects admitting of, or requiring it.

IX. (1) There is a Final Science Examination[1] on a higher standard in any three or more of the following subjects :—

1. Mathematics.
2. Natural Philosophy.
3. Astronomy.
4. Chemistry.
5. Human Anatomy, including Anthropology.
6. Physiology.
7. Geology, including Mineralogy.
8. Zoology, including Comparative Anatomy.
9. Botany, including Vegetable Physiology.

(2) The standard of this examination shall be as nearly as possible equivalent to that of the examination for the Degree of Master of Arts with Honours, where the subjects are different; and where the subjects are the same the examination shall be identical.

(3) A subject already taken under the preceding section for the First Science Examination may be taken also under this section for the Final Science Examination.

(4) Candidates presenting themselves for this examination must have attended four full courses of higher instruction, including practical or laboratory work, in the subjects professed, subject always to the provisions of Sections VI. and VII. hereof.

(5) The Final Science Examination shall be taken not less than one year after the candidate has passed the First Science Examination.

The Senate, with the approval of the University Court, has framed the following regulation for the Final Science Examination, viz. : A candidate shall be allowed the option of presenting himself in any one subject for the Final Science Examination, or in two, or in three or more at one time, provided always that if the candidate select Mathematics and Natural Philosophy, these subjects shall be taken together in one examination, in accordance with Ordinance No. 11, Section XIII. (1) and Ordinance No. 12, Section IX. (2).

X. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint, and in every case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XI. A candidate for the degree of Bachelor of Science shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. It is competent to the Examiners for the degree of Bachelor of Science to report that a candidate has passed with special distinction in one or more of the subjects professed by him: and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

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[1] This examination includes practical work in the subjects admitting of, or requiring it.

DEGREE IN APPLIED SCIENCE.

XIII. Degrees in Applied Science may be instituted and conferred according to regulations to be laid down in special Ordinances applicable to each University by the Commissioners under the Universities (Scotland) Act, 1889; or after the expiry of their powers by the University Court in each University.

XIV. The provisions of Sections II. to VIII. of this Ordinance inclusive, in so far as they relate to the Preliminary and First Science Examinations, shall be applicable in all respects to degrees in Applied Science instituted as aforesaid, except where special provision is made to the contrary in the special Ordinances aforesaid.

DOCTORATE OF SCIENCE.

XV. Graduates of any University who have held the degree of Bachelor of Science for a term of five years, may offer themselves for the degree of Doctor of Science in the same University.

XVI. A candidate for the Degree of Doctor of Science shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination as may from time to time be determined. [This examination is to be conducted by Examiners appointed under Ordinance No. 62, Section X. See page 196.]

The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration, signed by him, that the work has been done and the thesis composed by himself.

GENERAL.

XVII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in any of the Scottish Universities under regulations in force at the time in such University, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this ordinance, may become a candidate for the Degree of Bachelor of Science.

XVIII. The Degrees of Bachelor and Doctor of Science shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIX. This ordinance came into force on 1st October, 1892.

For Dates of Examinations, see Table on page 192.

Degrees in Science in Engineering.

The following are the provisions of Ordinance No. 23, Glasgow No. 2:—

I. Two Degrees in Science in Engineering may be conferred by the

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[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

University of Glasgow, viz., Bachelor of Science in Engineering[1] and Doctor of Science in Engineering.

II. Every candidate for the degree of Bachelor of Science in Engineering must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for degrees in Arts); and the conditions with respect thereto imposed by the said ordinance (see pp. 155–161, 166) are applicable in all respects to this ordinance except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, exempts from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. Candidates must in the course of not less than three academical years attend at least the nine courses of instruction prescribed under Section IX. below.

IV. (1) Five of the nine courses must be taken in this University. One of these courses must be a course in Engineering.

(2) Four may be taken in other Universities or institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Engineering: Provided that the fees for attendance at an approved institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

V. It is competent to the University Court to admit to the examinations for the degree of Bachelor of Science in Engineering, and to graduation, any candidate who presents the diploma of the Glasgow and West of Scotland Technical College, and who has passed the Preliminary Examination hereinbefore appointed: Provided that before such candidate shall be admitted to the Final Science Examination prescribed under Section XI. hereof:—

(1) He shall, after having received the said diploma, have attended in this University at least three full courses, during at least one academical year; and of these courses one at least shall be in Engineering.

(2) He shall, after having received the said diploma, have attended in this University such courses as will, along with the classes taken at the said College for the said diploma, be equivalent to the whole courses for the curriculum hereinafter instituted.

VI. The University Court may make regulations to enable candidates not matriculated students of the University availing themselves of the permission to attend Lectures at approved institutions or by recognized teachers in Glasgow, to obtain on payment of a fee not exceeding in amount the Matriculation Fee paid by the students of the University, a right to the use of the Library of the University.

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[1] By order of the Council of the Institution of Civil Engineers the possession of the Degree of B.Sc. in Engineering exempts candidates applying for election into the Institution as Associate Members from passing the examination prescribed by the Council.

VII. (1) The Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) The Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; and two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VIII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow.

IX. The subjects of study shall be as follows:—

1. Mathematics, including Analytical Geometry, and Differential and Integral Calculus.
2. Natural Philosophy, including Applied Higher Mathematics.
3. Chemistry.
4. A course in the Physical Laboratory, or in the Chemical Laboratory, or of Practical Chemistry.

and either:—

5, 6. Two courses in Engineering, including Laboratory Practice.
7, 8. Two courses of practical work in Drawing.
9. A course in one of the following:—
    (*a*) Astronomy and Geodesy.
    (*b*) Geology and Mineralogy.
    (*c*) Naval Architecture.
    (*d*) Engineering Laboratory, Mechanical or Electrical (Special Course).
    (*e*) Electricity—Pure and Applied.

or:—

5, 6. Two courses in Naval Architecture with Marine Engineering.
7, 8. Two courses of practical work in Ship and Engineering Drawing.
9. A course in Engineering, including Laboratory Practice.

Provided that during the three years immediately subsequent to the date on which this ordinance shall come into force, the courses in Engineering herein prescribed shall not necessarily include Laboratory Practice.

X. (1) There shall be a First Science Examination[1] in subjects 1, 2, 3, and 4 of the section immediately preceding.

(2) The examination in (1) Mathematics and (2) Natural Philosophy shall include the higher branches of Mathematics specified under Mathematics and the higher Mathematics included under Natural Philosophy in the section immediately preceding[1]; but it shall be optional to candidates to pass the same examination in either or both of these subjects as that required for the Ordinary Degree of Master of Arts: Provided that in that case they shall be required before graduation to pass a subsequent examination in the remainder of the subject or subjects.

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

XI. (1) There shall be a Final Science Examination[2] in subjects 5, 6, 7, 8, and 9 of Section IX. hereof; and, if required, in the higher branches of Mathematics as provided in Section X., Sub-section 2 hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the First Science Examination and have attended the required courses in the subject or subjects professed: Provided that for this purpose subjects 5, 6, 7, and 8, specified in Section IX. hereof, shall be deemed one subject.

XII. A candidate for the degree of Bachelor of Science in Engineering shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XIII. It is competent to the Examiners for the degree of Bachelor of Science in Engineering to report that a candidate has passed with special distinction in one or more of the subjects professed by him; and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

XIV. It is competent to the University Court of the University of Glasgow to modify from time to time the provisions as to curriculum hereinbefore contained, in case such modification shall be rendered desirable by the development of Engineering Science, or in consequence of further provisions having been made within or without the University for the study of any special branch of the said Science: Provided that in no case shall the number of full courses of study required be less than the number required for the Degree of Bachelor of Science in Pure Science, as specified in Ordinance No. 12.

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[1] The Senate has authorised the Examiners in Mathematics and Natural Philosophy to return as having passed in the elementary part of either or both of these subjects any candidate who has attempted the examination in the higher branches of either or both and has failed to pass, provided that in the opinion of the Examiners the candidate has attained a standard equivalent to that required for the ordinary Degree of M.A.

[2] This examination includes practical work in the subjects admitting of, or requiring it: Provided that, in the case of Engineering Students, a practical examination shall be passed in Chemistry or Physics according as the Chemical or the Physical Laboratory Course has been chosen as part of the qualifying curriculum.

DOCTORATE OF SCIENCE IN ENGINEERING.

XV. Graduates of the University of Glasgow who have held the degree of Bachelor of Science in Engineering for a term of five years, may offer themselves for the degree of Doctor of Science in Engineering in the said University.

XVI. A candidate for the degree of Doctor of Science in Engineering shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, or of important engineering work designed by himself, and actually carried out, and shall be accompanied by a declaration, signed by him, that these conditions have been satisfied.

GENERAL.

XVII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this ordinance, and who have passed the necessary examinations, shall be entitled to receive the degrees of Bachelor of Science in Engineering and Doctor of Science in Engineering, as the case may be, on payment of the fees required.

XVIII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in Engineering in the University of Glasgow, under regulations in force at the time therein, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this Ordinance, may become a candidate for the degree of Bachelor of Science in Engineering.

XIX. The degrees of Bachelor and Doctor of Science in Engineering shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causâ tantum.*

XX. This Ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

For Dates of Examinations, see Table on page 192.

DEGREES IN SCIENCE IN AGRICULTURE.

The regulations for the Degree of Bachelor of Science in Agriculture are contained in Ordinance No. 134 of the Universities Commission (1889), and are as follows:—

I. A degree of Bachelor of Science in Agriculture may be conferred by the University of Glasgow.

II. Every candidate for the degree of Bachelor of Science in Agriculture must pass the Preliminary Examination prescribed by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts]; and the conditions with respect thereto imposed by the said Ordinance (see pp. 155–161, 166) shall be applicable in all respects to this Ordinance, except as follows :—(1) French or German may be substituted for Latin or Greek ; (2) Mathematics shall be passed on the higher standard ;[1] (3) a degree in Arts (not being a degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, shall exempt from the Preliminary Examination ; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

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[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

III. (1) Candidates must in the course of not less than three Academical years, within the meaning of the Ordinance hereinbefore first mentioned, attend at least twelve courses of instruction, in the subjects specified in Section VIII. of this Ordinance.

(2) It shall be the duty of the Senatus to determine from time to time which of the said courses shall be full courses and which shall be half courses respectively, and also to determine the number of meetings of which such full courses and half courses respectively shall consist, and to report its determination to the University Court for its approval.

Under this subsection the Senate, with the approval of the University Court, has determined that of the subjects specified in Section VIII. of this Ordinance, Nos. 1, 2, 3, 4, 5, 6 and 10 shall be taught in full courses, and Nos. 7, 8, 9, 11 (*a*), 11 (*b*), 11 (*c*) and 12 in half courses, and that the number of meetings shall be those inserted in square brackets in Section VIII. opposite the several subjects.

IV. (1) Five full courses or their equivalent (counting two half courses as one full course) must be taken in the University of Glasgow. The course in Agriculture and Rural Economy must also be taken in the University of Glasgow, if instruction in the said subjects be provided in the University, or in the Glasgow and West of Scotland Technical College : Provided always that that course in the said College shall be accepted as equivalent to a course in the University, subject to the following conditions :—

(*a*) The Senatus Academicus shall be represented on the governing body of the Technical College.

(*b*) All future appointments to the Chair of Agriculture in the Technical College shall be vested in a Joint Committee, consisting of three members of the University Court and of three members of the governing body of the Technical College.

(2) The remainder of the said courses may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Agriculture : Provided that the fees for attendance at an

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[1] Candidates for the Degree of B.Sc. in Agriculture may offer themselves for examination in Mathematics on the intermediate instead of on the higher standard ; provided that in addition to the ancient or modern language already taken they also offer themselves for examination in a modern language as a fifth subject, such further examination to be on the standard prescribed by the Joint Board for the Medical Preliminary. Notwithstanding these provisions candidates shall not be entitled to profess at the Final Science Examination Mathematics, Natural Philosophy, or Astronomy, unless they have passed the Preliminary Examination in Mathematics on the higher standard.

approved Institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

(3) Residence and practical work at a farm shall be required of each candidate to such an extent and under such regulations as the Senatus, with the approval of the University Court, may from time to time appoint.

Under this subsection the following regulations have been made by the Senate, with the approval of the University Court.

1. Residence and practical work at a farm for twelve months shall be required, and the candidate must not be under sixteen years of age when he commences the residence.

2. The residence must be for twelve consecutive months, except in special cases in which the Senate may grant recognition of residence during two shorter periods amounting together to at least twelve months.

3. The candidate must produce evidence, satisfactory to the Senate, that he has fulfilled these regulations.

V. All students availing themselves of the permission to attend the lectures of the teachers in the various departments of Agriculture in the Glasgow and West of Scotland Technical College, or of teachers in other approved institutions in Glasgow, or of other recognized teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the matriculation fee paid by the students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(2) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Faculty of Science for its consideration a syllabus of the subjects and books proposed for the work of their classes during the next Academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the immediately preceding section shall not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow, where such exist.

VIII. The subjects of study shall be as follows:—

1. Mathematics [100 meetings].
   or Biology, *i.e.*,
      Zoology [100 meetings, viz., 50 lectures and 50 practical].
      and
      Botany, [100 meetings, viz., 50 lectures and 50 practical].

2. Natural Philosophy [100 meetings].
3. Chemistry [100 meetings and three months in Chemical Laboratory.
4. Agriculture and Rural Economy [100 meetings].
5. Agricultural Chemistry [100 meetings, viz., 50 lectures and 50 practical].
6. Geology [75 meetings, viz., 50 lectures and 25 practical demonstrations].
7. Veterinary Hygiene [50 meetings].
8. Agricultural Botany [50 meetings].
9. Agricultural Entomology [25 meetings].
10. Economic Science as applied to Agriculture [100 meetings].[1]
11. One of the following:—
    (*a*) Forestry [50 meetings].
    (*b*) Experimental Physics [50 meetings].
    (*c*) Engineering [50 meetings].
12. Engineering Field Work [50 meetings].

IX. (1) There shall be a First Science Examination in the three following subjects—viz., (1) Mathematics or Biology (*i.e.*, Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects shall be the same as the examination in these subjects for the degree of Bachelor of Science, under the provisions of Ordinance No. 12 [General, No. 7—Regulations for Degrees in Science].

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

X. (1) There shall be a Final Science Examination in the remaining subjects (4 to 12 inclusive) specified in Section VIII. hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the whole of the subjects comprised in the First Science Examination, and have attended the required courses in the subjects professed.

XI. A candidate for the degree of Bachelor of Science in Agriculture shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing, not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. The Examiners for the degree of Bachelor of Science in Agriculture shall be the Professors of the subjects in the Curriculum in the University of Glasgow, the Professor of Agriculture in the Glasgow and West of Scotland Technical College, and such additional Examiners as the University Court shall see fit to appoint.

GENERAL.

XIII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the degree of Bachelor of Science in Agriculture, on payment of the fees required.

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[1] The Glasgow and West of Scotland Technical College contemplates the institution of a special class for the teaching of this subject in 50 meetings. Until this special class shall be instituted candidates are required to attend the ordinary class of Political Economy [100 meetings]. After both classes are available students will have the option of taking either. In the examination prescribed under Section X. every candidate shall be required to work a paper of questions on Economic Science as applied to Agriculture.

XIV. The degree of Bachelor of Science in Agriculture shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causâ tantum.*

XV. This ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

Certificate of Proficiency in Engineering Science.

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

1. Mathematics, including Analytical Geometry and Differential and Integral Calculus.
2. Natural Philosophy—the work of the Ordinary Class.
3. Chemistry.

And either :—

4, 5. Two courses in Engineering, including Laboratory Practice.
6, 7. Two courses of practical work in Drawing.
8. A course in one of the following :—
    (*a*) Astronomy and Geodesy.
    (*b*) Geology and Mineralogy.
    (*c*) Naval Architecture.
    (*d*) Engineering Laboratory, Mechanical or Electrical (special course).
    (*e*) Electricity—Pure and Applied.

Or :—

4, 5. Two courses in Naval Architecture with Marine Engineering.
6, 7. Two courses of practical work in Ship and Engineering Drawing.
8. A course in Engineering, including Laboratory Practice.

Any candidate who commenced his course previous to session 1898-99 may complete it in accordance with the regulations published in the *Calendar* of 1897-98.

No candidate is admitted to the special examination for the certificate, in any department, till he has given regular attendance upon, and duly performed the work of the prescribed course of study in that department.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, or Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate ; but all examinations for the certificate must be passed in this University.

Candidates for Certificates of Proficiency in Engineering Science, who are graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy.

TABLE OF EXAMINATIONS FOR DEGREE OF B.SC., TO BE HELD DURING SESSION 1898-99.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set. The Oral Examinations in Science follow immediately after the Written.							
15th Sept., 1898	£1 1s. for each subject until £5 5s. shall have been paid.	Sat., 1st Oct.,	Astronomy, - - - -	9–12 noon.	Geology, - -	1–3 p.m.		
		Mon., 3rd ,,	Engineering Laboratory, -	10–1 p.m., and 2–5 p.m.				
		Mon., 3rd ,,	Zoology, - - - -	10–12 noon.	Botany, - -	12.30–2.30 p.m.	Chemistry, - -	3–5 p.m.
		Tues., 4th ,,	Engineering Drawing, etc.,	10–12 noon.	Naval Architecture,	12.30–2.30 p.m.	Ship Drawing, etc.,	3–5 p.m.
		Tues., 4th ,,	Anatomy, - - - -	10–12 noon.	Physiology, -	12.30–2.30 p.m.		
		Wed., 5th ,,	Civil Engineering, - -	10–12 noon, and 2–5 p.m.				
		Thur., 6th ,,	Civil Engineering, - -	10–12 noon, and 2–5 p.m.				
		Fri., 7th ,,	Mathematics, - - -	10–1 p.m., and 2–5 p.m.				
		Sat., 8th ,,	Natural Philosophy, - -	10–1 p.m., and 2–5 p.m.				
9th Mar., 1899		Sat., 25th Mar.,	Astronomy, - - - -	9–12 noon.	Geology, - -	1–3 p.m.		
		Mon., 27th ,,	Engineering Laboratory, -	10–1 p.m., and 2–5 p.m.				
		Mon., 27th ,,	Zoology, - - - -	10–12 noon.	Botany, - -	12.30–2.30 p.m.	Chemistry, - -	3–5 p.m.
		Tues., 28th ,,	Engineering Drawing, etc.,	10–12 noon.	Naval Architecture,	12.30–2.30 p.m.	Ship Drawing, etc.,	3–5 p.m.
		Tues., 28th ,,	Anatomy, - - - -	10–12 noon.	Physiology, -	12.30–2.30 p.m.		
		Wed., 29th ,,	Civil Engineering, - -	10–12 noon, and 2–5 p.m.				
		Thur., 30th ,,	Civil Engineering, - -	10–12 noon, and 2–5 p.m.				
		Fri., 7th April,	Mathematics, - - -	10–1 p.m., and 2–5 p.m.				
		Sat., 8th ,,	Natural Philosophy, - -	10–1 p.m., and 2–5 p.m.				

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[1] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

For Dates in regard to Science Preliminary Examination see page 159.

3.—HIGHER DEGREES IN ARTS AND SCIENCE.

In Ordinance No. 62, issued on 15th February, 1895, the Universities Commission made the following regulations for Higher Degrees in Arts and Science :—

DEGREE OF D.SC.

I. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mathematics and Natural Philosophy under the conditions prescribed by Ordinance No. 11 (Regulations for degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Science (D.Sc.) in the same University after the expiry of five years from the date of their graduation in Arts, under the same conditions as if they held the degree of Bachelor of Science.

II. Research Students within the meaning of Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research and for the appointment of Research Fellows) may offer themselves for the degree of Doctor of Science of the University in which they have prosecuted some special study or research under that ordinance, although they have not taken the degree of Bachelor of Science or the degree of Master of Arts with Honours as aforesaid, in that University : Provided—

(1) That they hold the degree of Bachelor of Science or Bachelor of Medicine of a Scottish or any recognized University, or a degree of any such University, which the Senatus Academicus shall hold to be equivalent to the degree of Bachelor of Science or to the degree of Master of Arts with first or second class honours in Mathematics and Natural Philosophy : Provided that candidates who hold any such degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Science, to pass an examination equivalent to an Honours or to a Final Science Examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and that they produce evidence of satisfactory progress in the special study or research undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

III. All candidates for the degree of Doctor of Science shall present a thesis or a published memoir or work, to be approved by the Senatus on the recommendation of the Faculty of Science[1] : Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination conducted orally or practically, or by written papers, or by all of these methods, on the subjects of his special study or of his thesis, as may from time to time be determined. The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by him that the work has been done and the thesis composed by himself.

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[1] Ordinance No. 167, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, requires that the thesis, memoir, or work shall in each case be examined by the additional examiner to be appointed by the University Court under Ordinance No. 62, Section X., as well as by the examiner or examiners to be appointed by the Senatus under Ordinance No. 62, Section IX. (*sic*).

DEGREE OF D. PHIL.

IV. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Philosophy (D. Phil.) in the same University after the expiry of five years from the date of such graduation.

V. Research Students as aforesaid may offer themselves for the degree of Doctor of Philosophy of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University: Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid: Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students, with a view to the degree of Doctor of Philosophy, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

VI. All candidates for the degree of Doctor of Philosophy shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus[1]: Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

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[1] Ordinance No. 167, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, requires that the thesis, memoir, or work shall in each case be examined by the additional examiner to be appointed by the University Court under Ordinance No. 62, Section X., as well as by the examiner or examiners to be appointed by the Senatus under Ordinance No. 62, Section IX. (*sic*).

Degree of D.Litt.

VII. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in any group other than Mathematics and Natural Philosophy or Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Letters (D.Litt.) in the same University after the expiry of five years from the date of such graduation.

VIII. Research Students as aforesaid may offer themselves for the degree of Doctor of Letters of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the Appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University: Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in any group except Mathematics and Natural Philosophy or Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid : Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Letters, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

IX. All candidates for the degree of Doctor of Letters shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus[1] : Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

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[1] Ordinance No. 167, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, requires that the thesis, memoir, or work shall in each case be examined by the additional examiner to be appointed by the University Court under Ordinance No. 62, Section X., as well as by the examiner or examiners to be appointed by the Senatus under Ordinance No. 62, Section IX. (*sic*).

General.

X. The Senatus Academicus in each University shall appoint such Professors or Lecturers as it may think suitable to conduct the examination of candidates who may offer themselves under the provisions either of Ordinance No. 12 (Regulations for Degrees in Science) or of this ordinance, for the degree of Doctor of Science, Doctor of Philosophy, or Doctor of Letters; and the University Court shall, after consultation with the Senatus Academicus, appoint an additional Examiner to act along with them.[1] Such additional Examiner shall be a person of recognized eminence in the subject of the thesis, or memoir, or work which is to be submitted for approval. The result of the examination shall be reported to the appropriate Faculty or Committee of Senatus.

XI. The Degrees of Doctor of Science in Mental Science or Doctor of Science in Philology shall no longer be conferred by any Scottish University.

XII. Candidates who have already completed the necessary attendance on classes required for the degree of Doctor of Science in Mental Science or Doctor of Science in Philology, under regulations hitherto in force in any Scottish University, may proceed to the degree of Doctor of Philosophy, or of Doctor of Letters, as the case may be, under this ordinance: Provided such candidates comply with the provisions of Section VI. or Section IX. hereof, as the case may be, and that a period of not less than five years shall have elapsed from the date of their graduation as Masters of Arts.

XIII. The degrees of Doctor of Science, Doctor of Philosophy, and Doctor of Letters shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIV. The fee to be paid for the degree of Doctor of Philosophy shall be ten guineas.

XV. The fee to be paid for the degree of Doctor of Letters shall be ten guineas.

4. GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognised by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began his medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[2] or after that date. All others must fulfil the requirements of the new ordinance—

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[1] Ordinance No. 167, which was issued by the Universities Commission on 24th June, 1897, and which comes into force when approved by Her Majesty in Council, empowers the University Court to appoint, as additional examiners under this section, persons who are Professors or Lecturers in any Scottish University other than the University granting the degree.

[2] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

(Ordinance No. 14, Glasgow No. 1—Regulations for Degrees in Medicine)—the principal provisions of which are as follows :—

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German : Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.[1]

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination.[2]

In English, no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory.

One paper shall be set in French and one in German. The papers shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. The time allowed for each of these papers shall be three hours. The paper in each subject shall comprise questions in Grammar, translation into English, a piece of English, and some short sentences in English of an idiomatic character, for translation.

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[1] The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 48 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Assistant Clerk (Matriculation Office, University), a certificate of having passed the Preliminary Examination.

[2] For details see pp. 156, 157.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Candidates who, having taken English, Latin, Greek, Mathematics, or a Modern Language, on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects: Provided that all the required subjects are passed at not more than two examinations.

V. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examinations), and, subject to the provisions of the immediately succeeding section hereof, *a candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; Provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition.*[1]

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.

The Joint-Board have issued the following rules under the heading:—Examinations accepted as exempting from the Preliminary Examination in Medicine: Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with:—

1. In terms of the Medical Ordinances, "a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court, shall exempt from the Preliminary Examination."

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificates of the Scotch Education Department, or partly at the University Examination and partly through the Leaving Certificates, shall be held to have passed the Preliminary Examination for Medicine: Provided that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

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[1] The words in *italics* are taken from Ordinance No. 156, Section I.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognized for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who has obtained the Leaving Certificate (Honours or Higher Grade) of the Scotch Education Department in any subject recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one or not more than two examinations shall not be held to apply to the above cases, 2, 3, and 4. But candidates complying with Rules (2, 3, and 4) must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

5. Lower Grade Leaving Certificates of the Scotch Education Department will only be accepted as exempting from the Medical Preliminary Examination provided the examinations in all the requisite subjects have been taken and passed at one or not more than two examinations.

6. The following English and Irish University Examinations will be accepted (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions, or Moderations—provided the candidate pass the examination of the Joint-Board in English.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. If passed after Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD Senior Local Examinations will be accepted *pro tanto*, provided that, as regards English, the certificate shall bear that the candidate has passed in division 1 of the subject, and in either division 3, 4, or 5.

OXFORD Higher Examination for Women will be accepted *pro tanto*.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*.

CAMBRIDGE Higher Local Examinations will be accepted *pro tanto*.

OXFORD and CAMBRIDGE Schools Examination Higher Certificate will be accepted *pro tanto*, provided that, as regards Mathematics, the certificate shall bear that the candidate has passed in both Elementary and Additional Mathematics.

LONDON UNIVERSITY Matriculation Examination.

DUBLIN, TRINITY COLLEGE.—Public Entrance Examination.

ROYAL UNIVERSITY OF IRELAND.—Matriculation Examination.

VICTORIA UNIVERSITY.—Preliminary Examination; Entrance Examination in Arts.

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination, provided that all the required subjects shall be passed at one or not more than two examinations.

7. The examinations of the following Indian, Colonial, and Foreign Universities and Colleges will be accepted (provided the examinations include all the subjects required by the General Medical Council and prescribed by Section III. of this ordinance), viz.:—

UNIVERSITIES OF (1) CALCUTTA, (2) MADRAS, (3) BOMBAY, (4) ALLAHABAD, and (5) PANJAB—Entrance Examination.

UNIVERSITIES OF (1) THE CAPE OF GOOD HOPE.—Matriculation Examination; (2) TASMANIA.—Matriculation Examination; (3) NEW ZEALAND.—Matriculation and Medical Preliminary Examinations; (4) MELBOURNE.—Matriculation Examination; (5) SYDNEY.—Matriculation Examination; (6) ADELAIDE.—Matriculation Examination, or its substitute, the Senior or Junior Public Examination.

THE PROVINCIAL EDUCATION DEPARTMENT OF ONTARIO.—Departmental Pass Arts Matriculation Examination.

TRINITY UNIVERSITY, TORONTO.—Matriculation Examination.

THE UNIVERSITY OF TORONTO.—Senior or Junior Matriculation Examination.

QUEEN'S COLLEGE AND UNIVERSITY, KINGSTON.—Matriculation Examination.

M'GILL UNIVERSITY.—Matriculation Examination.

KING'S COLLEGE, WINDSOR, NOVA SCOTIA.—Responsions.

DALHOUSIE COLLEGE, HALIFAX.—Matriculation Examination.

MOUNT ALLISON COLLEGE, SACKVILLE, NEW BRUNSWICK.—Matriculation Examination.

THE UNIVERSITY OF WINNIPEG.—Preliminary Examination in Arts.

VICTORIA COLLEGE, UPPER CANADA.—Matriculation Examination.

THE UNIVERSITY OF HALIFAX, NOVA SCOTIA.—Matriculation Examination.

THE UNIVERSITY OF FREDERICTON, NEW BRUNSWICK.—Matriculation Examination.

THE WESTERN UNIVERSITY OF ONTARIO.—Matriculation Examination.

THE UNIVERSITY OF MANITOBA.—Previous Examination.

CODRINGTON COLLEGE (BARBADOES).—English Certificate for Students of two years' standing, and Latin Certificate, or "Testamur."

GERMANY AND OTHER CONTINENTAL COUNTRIES.—Gymnasial Abiturienten-Examen, and corresponding Entrance Examinations to the Universities.

8. In the case of candidates for the Medical Preliminary Examination, who hold qualifications from Foreign or Colonial Bodies, other than Universities, whose certificates are not included in the list of

Equivalent Examinations issued by the Joint-Board, a committee in each University, consisting of the Deans of the Faculties of Arts, Science, and Medicine, is empowered to accept such certificates, if it deems them sufficient, provided that all such cases are reported to the Joint-Board at their meeting next following.

PROFESSIONAL EDUCATION.

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions:—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognised for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz.:—

1. ANATOMY,[1]	During a course of not less than five months.
2. PRACTICAL ANATOMY,	During two courses of not less than five months each.
3. CHEMISTRY,	During courses of not less than five months.
4. MATERIA MEDICA and THERAPEUTICS,	
5. PHYSIOLOGY or INSTITUTES OF MEDICINE,	
6. PRACTICE OF MEDICINE,	
7. SURGERY,[1]	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months,	
9. PATHOLOGY,	
10. PRACTICAL CHEMISTRY,	During courses of not less than two and a half months.
11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY),	
12. ELEMENTARY BOTANY,	
13. ELEMENTARY ZOOLOGY,	
14. PRACTICAL PHYSIOLOGY,	
15. PRACTICAL PATHOLOGY,	
16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH,	

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[1] Students are recommended to take Junior Anatomy in their first winter and to defer taking Systematic Surgery till their third winter.

Provided always, in so far as regards the University of Glasgow, that—

(*a*) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course ; and to report the determination to the University Court for its approval.[1]

(*b*) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.[1]

(*c*) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.[2]
6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.
8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures,

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[1] The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. See Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.

[2] On 7th October, 1892, the University Court recognised every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, *and possesses a distinct staff of physicians and surgeons.*

demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.

Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognised teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.

9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society, *i.e.* in *the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*[1]

10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

A. Each candidate for M.B. and Ch.B. shall be required to attend—

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.
2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.
3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be class-room lectures, and the others shall be for clinical instruction in the wards of a recognised hospital,[2] or in the wards of a hospital and in a dispensary both recognised for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(*a*) Diseases of Children, (*b*) Diseases of the Ear, (*c*) Diseases of the Throat and Nose, and (*d*) Diseases of the Skin, in short practical courses of ten meetings.

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[1] The explanatory words in italics are taken from Ordinance No. 54, Section II., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] This means a hospital recognised *ad hoc*, after application to the University Court in each case.

N.B.—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.
12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.[1]
13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect:

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., sub-section 2.
2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such medical schools or under such teachers as may be recognised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., sub-section 2.
3. Of the subjects of study specified in Section VII., sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.

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[1] The recognised Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such medical schools or under such teachers as may be recognised for the purpose by the University Court.
5. All candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.
6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.
8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., sub section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.[1]

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[1] Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially rocognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination; and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*[1]

PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.[2]

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects:

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[1] The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] For Table of Fees and Dates of Examinations, see page 212.

Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus. [1]

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division, when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.[2]

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they commenced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[1] or after that date.

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[1] The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[2] For Table of Fees and Dates of Examination, see page 212.

PROFESSIONAL EXAMINATION FOR THE DEGREE OF DOCTOR OF MEDICINE.

XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

Under this sub-section the following regulations have been framed by the Senatus, and approved by the University Court:— The Examination in Clinical Medicine for the Degree of Doctor of Medicine shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable, upon at least three Medical cases. In the selection of the cases, special regard shall be given to the opportunities they afford for testing the candidate, not only in the ordinary methods of clinical investigation, but also in the more advanced methods requiring practical knowledge in the applications of the ophthalmoscope and laryngoscope, in the chemical and microscopical examination of excreta, the quantitative determination and microscopic characters of the chief constituents of blood possessing clinical importance, the recording by instruments of the condition of the circulation, the applications of electricity, etc.

Provided always that one of the cases on which a candidate is examined may, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Diseases of Women, Diseases of Children, Mental Diseases, Zymotic Diseases, Diseases of the Eye, Diseases of the Throat, Diseases of the Ear, Diseases of the Skin. Should the candidate specialize in one of these departments he will be expected to show high proficiency in it.

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[1] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

The examinations for M.D. will be held at a convenient time before the Christmas Holidays of each Session. Candidates must enter their names and lodge their Theses with the Assistant Clerk (Matriculation Office) on or before 1st October.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself,[1] shall be lodged with the Dean of the Faculty of Medicine (at the Matriculation Office) on or before a date to be fixed by the Senatus (1st October).

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, *may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*[2]

PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the

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[1] The Faculty of Medicine give notice that no Thesis will be approved unless it gives evidence of original observation, or, if it deal with the researches of others, gives a full statement of the literature of the question, with accurate references and critical investigation of the views or facts cited: mere compilations will in no case be accepted.

[2] Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:—Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

   Under this subsection the following regulations have been framed by the Senatus, and approved by the University Court:—The Examination in Clinical Surgery for the Degree of Master of Surgery shall for each candidate consist of a written Report and Commentary, with any oral questions that may be considered desirable on at least three Surgical cases.

   Provided that one of the three Surgical cases on which a candidate is examined shall, if the candidate on entering his name for the Examination declare a wish to that effect, be from one of the following departments, namely, Surgical Diseases of Women, Diseases of the Throat, Diseases of the Eye, Diseases of the Ear. Should the candidate specialize in one of these departments he will be expected to show high proficiency in it.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself,[1] shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been

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[1] See footnote on previous page.

engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

FEES.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

EXAMINERS.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary : Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

DISTINCTIONS ATTAINABLE BY STUDENTS AND GRADUATES OF MEDICINE.

Candidates who have shown special merit at any of the Professional Examinations will be announced as having passed that examination "with distinction."

Candidates who have shown special merit as indicated by the aggregate results of the four Professional Examinations will be announced, at the time of Graduation, as having obtained Commendation or Honours, according to the degree of excellence.

In connection with the Higher Degrees in Medicine and Surgery two grades of distinction are also awarded, viz., Commendation and Honours. The Bellahouston Trustees have announced their intention of enabling the University to award three Gold Medals yearly to those who having gained Honours shall be pronounced by the Senate on the Report of the Faculty of Medicine worthy of this highest distinction for the excellence of their Theses.

GRADUATION.

The terms for conferring Medical and Surgical Degrees in session 1898-99 are 3rd November, 1898 ; 2nd February, 1899 ; 18th April, 1899 ; and 20th July, 1899.

TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1898-99.

Fees.	Names to be given in and Fees paid to Assistant-Clerk[1] (Matriculation Office). Date.[2]	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant-Clerk[1] (Matriculation Office). The Professional Oral Examinations follow immediately after the Written.						
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	15th September, 1898,	Mon., 3rd Oct., 1898,	Zoology - -	10—12 noon.	Botany - -	12.30—2.30 p.m.	Chemistry	3—5 p.m.
		Tues., 4th ,, ,,	Physics - -	10—12 noon.				
		Tues., 4th ,, ,,	Anatomy -	10—12 noon.	Physiology -	12.30—2.30p.m.	Mat. Med. and Therap.	3—5 p.m.
		Wed., 5th ,, ,,	Med. Jurisp. (N.R.)	10—1 p.m.	Pathology -	3—5 p.m.		
	9th March, 1899,	Mon., 27th Mar., 1899,	Zoology -	10—12 noon.	Botany - -	12.30—2.30 p.m.	Chemistry	3—5 p.m.
		Tues., 28th ,, ,,	Physics - -	10—12 noon.				
		Tues., 28th ,, ,,	Anatomy -	10—12 noon.	Physiology -	12.30—2.30p.m.	Mat. Med. and Therap.	3—5 p.m.
		Wed., 29th ,, ,,	Med. Jurisp. (N.R.)	10—1 p.m.	Pathology -	3—5 p.m.		
	9th May, 1899,	Mon., 29th May, ,,	Practice of Medicine	10—12 noon.	Surgery -	2—4 p.m.		
		Tues., 30th ,, ,,	Midwifery - -	10—12 noon.				
		Tues., 30th ,, ,,	(*Clinical Examinations begin*).					
		Wed., 31st ,, ,,	Medical Jurisp. (O.R.)	10—12 noon.				
		Thurs., 1st June, ,,	Pathology (O.R.) -	10—12 noon.				

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[1] For Women Students, Miss Galloway, Queen Margaret College.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.

For Dates in regard to Medical Preliminary Examination, see page 159.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act, 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of graduation.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath[1] formerly required to be taken and subscribed by every candidate on graduation:—

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 48 George Square, Edinburgh. Fee £5. Additional qualifications, 5s. each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

5.—GRADUATION IN LAW.

Two Degrees in Law are conferred, after examination, by the University of Glasgow, viz., Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

By regulation of the Faculty of Advocates, any one who has obtained the Degree of LL.B. from a Scottish University is held qualified in General Scholarship and Law with a view to admission to the Bar, without examination or other evidence of such qualification, except as stated on page 105.

By the Law Agents Act, 36 and 37 Vict., c. 63, the holder of a degree in Law or in Arts of a University in Great Britain or Ireland, granted after examination, is qualified to apply for admission as a Law Agent after an apprenticeship of three years, instead of five, as required in the ordinary case; and by Act of Sederunt of 20th July, 1878, any applicant who holds the Degree of LL.B. or of B.L. of any Scottish University is exempted from any examination in Law before the Examiners of Law Agents, excepting only on forms of Process, Civil and Criminal, and a similar provision is contained in the Act of Sederunt of 18th March, 1893.

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[1] *The Oath was in these words:* —Testor Deum omnipotentem me hoc Iusjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum: nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum: In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum: Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

Degree of LL.B.

The following are the provisions of Ordinance No. 39, General No. 11, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law:—

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of one of the Universities of the United Kingdom; or of any Foreign or Colonial University specially recognized for the purpose by the University Court.

II. The course of study in Law for the Degree of Bachelor of Laws shall include the following subjects:—

(1) Jurisprudence, General or Comparative, during a course of not less than forty lectures.

(2) The Law of Nations or Public International Law, during a course of not less than forty lectures.

(3) Civil Law during a course of not less than eighty lectures.

(4) Law of Scotland, or Law of England, during a course of not less than eighty lectures.

(5) Constitutional Law and History, during a course of not less than eighty lectures.

(6) Conveyancing, during a course of not less than eighty lectures; or Political Economy, or Mercantile Law, during a course of not less than eighty lectures.

(7) Any two of the following subjects, namely:—International Private Law, Political Economy, Administrative Law, and Forensic Medicine; in each case during a course of not less than forty lectures.

III. (1) The course of study necessary for the Degree of Bachelor of Laws shall extend over three academical years, one of which at least must be spent in the University in which the candidate intends to graduate, the other two may have been spent in any other University or School of Law specially recognized by the University Court.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

IV. Candidates must undergo examination in the subjects prescribed in Section II. hereof; and they must pass at one examination in at least two of these subjects. Before presenting themselves in any subject the candidates must have attended the requisite course of instruction in such subject. Candidates who have passed an examination for another degree in any of the said prescribed subjects in the same University may be exempted from examination in such subject or subjects, provided that the Examiners are satisfied that the previous examination in such subject or subjects has been passed on a sufficiently high standard.

V. Every candidate for the Degree of Bachelor of Laws shall be examined both orally and in writing on each of the subjects in the course of study above prescribed in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Laws a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of or Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to graduation as Bachelor of Laws in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Laws without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Degree of B.L.

The following are the provisions of Ordinance No. 40, General No. 12, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law.

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) unless he be a graduate in Arts of one of the Universities of the United Kingdom, or of any Foreign or Colonial University specially recognized for the purpose by the University Court; or until he shall have passed—

A. The Preliminary Examination in the Faculty of Arts, or its equivalent, as specified in Ordinance No. 11 (General No. 6.—Regulations for Degrees in Arts); and

B. An Examination in one of the Scottish Universities, to be conducted by the Examiners in Arts, in the following subjects, on the standard of examination for the Ordinary Degree of Master of Arts:—

(1) Logic and Psychology; or, in the option of the candidate, Moral Philosophy.

(2) Latin.

(3) One additional Arts subject, not being one of those which belong also to the Faculty of Law.

And he must have studied at least one of these subjects in a full course in a Scottish University, or an equivalent course in another University approved by the University Court.

II. The course of study in Law necessary for the Degree of Bachelor of Law shall include the following subjects:—

1. Civil Law, during a course of not less than eighty lectures; or a half course in Civil Law where in any University a full course is not available: Provided that in the latter case, candidates who are not already graduates in Arts shall be required to take in addition a course in such subject in Arts as may be sanctioned by the Senatus Academicus, or a half course in one or other of the following branches of Law:—

(*a*) Jurisprudence, General or Comparative.
(*b*) The Law of Nations, or Public International Law.
(*c*) Constitutional Law and History.
(*d*) International Private Law.
(*e*) Mercantile Law.
(*f*) Administrative Law.

2. Law of Scotland, during a course of not less than eighty lectures.

3. Conveyancing, during a course of not less than eighty lectures.

4. Forensic Medicine during a course of not less than forty meetings of the class; or, in the option of the candidate, a half course in one of the branches of Law specified in Sub-section 1 of this section if not already taken.

III. (1) The course of study in Law necessary for the Degree of Bachelor of Law shall extend over two academical years.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

(3) The candidate may prosecute his studies during the prescribed two years in one Scottish University, or in different Scottish Universities, or in a Scottish University and a University or School of Law specially recognized by the University Court; but one at least of these years must have been spent, and all the examinations in the subjects mentioned in the preceding section must have been passed, at the University in which he intends to graduate.

IV. The candidate for the Degree of Bachelor of Law must undergo examination and pass in the four or more subjects selected by him; but he may present himself for examination in one subject or group of subjects at a time, provided that he has completed the course of study for such subject or group of subjects, and provided also that in that case a higher standard of proficiency shall be exacted.

V. Every candidate for the Degree of Bachelor of Law shall be examined, both orally and in writing, on each of the subjects in the course of study above prescribed, in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Law a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of and Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examinations shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to graduation as a Bachelor of Law in any Scottish University under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Law without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Regulations Applicable to all who began their Course with a view to Graduation in Law before 1st October, 1894.

I. No one shall hereafter be admitted as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of a recognized University.

II. The course of study in Law necessary for the Degree of Bachelor of Laws shall extend over three academical years, and shall include attendance on a distinct course in each of the six following departments, viz. :—

1. Civil Law,	During courses of not less than eighty lectures each.
2. Law of Scotland,	
3. Conveyancing,	
4. Public Law,	During courses of not less than forty lectures each.
5. Constitutional Law and History,	
6. Medical Jurisprudence,	

III. No one shall be admitted as a candidate for this degree in any University unless two at least of the three academical years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) in the University of Glasgow unless he be a Graduate in Arts, qualified as prescribed in Section I. (*supra*), or unless he shall have passed a satisfactory examination in Latin, and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. :—(*a*) Greek, with the alternative of French or German, (*b*) Logic, (*c*) Moral Philosophy, (*d*) Mathematics, (*e*) Natural Philosophy, and (*f*) English Literature; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in Section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners. The following are the subjects of Preliminary Examination under this section :—

ARTS SUBJECTS.—The examination in the Arts subjects under Section IX. will be the same as that for the Degree of M.A.

FRENCH.—*Montesquieu's* Esprit des Lois, Books i. to v. ; *Voltaire's* Charles XII. ; *Molière's* Le Bourgeois Gentilhomme ; *Victor Hugo*, First Division of Selections (Poésie) contained in L'Œuvre Complète de Victor Hugo (Extraits), Paris, Hetzel-Quantin, 1885. Some knowledge of the matter of the books prescribed as well as of their text is required. A passage from a work not prescribed may also be set. Moderate proficiency in French Prose Composition is required. Questions on French Grammar, Philology, and History will also be set. For these subjects reference may be made to *Saintsbury's* Primer of French Literature, *Brachet's* Historical French Grammar, or *Clapin's* Primer of French Philology, and *Charlotte Yonge's* Primer of French History.

GERMAN.—*Von Ihering*, Der Kampf um's Recht ; *Schiller*, Die Belagerung von Antwerpen ; *Lessing*, Minna von Barnhelm ; *Goethe*, Hermann und Dorothea. Translation, Composition, and Grammatical and Historical Knowledge will be required, as in French. Reference may be made to *Gostwick and Harrison's* German Literature, or *Selss'* Outline of the Literature of Germany ; and *Sime's* History of Germany (Macmillan's Hist. Course for Schools).

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in Section II., in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section : Provided always that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a candidate for the said degree unless two academical years of his course of study in Law shall have been in the University of

Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XIII. Any candidate who, before the approval of the present alteration by Her Majesty in Council, may, with a view to graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said degree.

SUBJECTS OF EXAMINATION.

The examinations for LL.B. and B.L. in session 1898-99 will embrace the following books and subjects, viz. : —

In Civil Law.—Institutes of Justinian (Ed. Moyle or Sandars) and the Class Lectures ; also Dig., Lib. XVIII., Tit. I.—translated and annotated by Mackintosh—Roman Law of Sale.

In the Law of Scotland.—In addition to the Class Lectures, the books recommended are Bell's Principles of the Law of Scotland, and Erskine's Principles of the Law of Scotland. In Criminal Law, Macdonald's Criminal Law and Erskine's Principles. Recent editions of the works mentioned should be used.

In Conveyancing.—In addition to the Class Lectures, the books recommended are Duff's Feudal Rights, with Supplement ; Lectures on Conveyancing, by Menzies ; Lectures on Conveyancing, by A. M. Bell ; and Craigie's Statutes. The constitution, transmission, and extinction of Heritable Rights according to the Law of Scotland.

In Mercantile Law.—Bell's Commentaries by M'Laren, Vol. I., pages 546 to 678 ; Carver on Carriage by Sea ; Thorburn's Bills of Exchange Act, 1882.

In Jurisprudence, General or Comparative.—Holland's Jurisprudence (5th or 6th edition); Maine's Ancient Law ; Miller's Philosophy of Law. Reference may also be made to Hearn's The Aryan Household, and Sidgwick's Elements of Politics.

In the Law of Nations, or Public International Law.—Hall's International Law. Candidates are expected to show a general acquaintance with the history of Modern Europe. Pitt Cobbett's Leading Cases, and Tudor's Leading Cases in Mercantile and Maritime Law will be found useful for reference.

Note.—Candidates under the old regulations for LL.B. are required to sit also at the papers on Jurisprudence and International Private Law.

In International Private Law.—Rattigan's Private International Law, with the Scots cases referred to in the Class Lectures.

In Constitutional Law and History.—(1) The Outlines of English Constitutional History ; (2) Existing Constitutional Law.

TABLE OF EXAMINATIONS FOR DEGREES IN LAW, TO BE HELD DURING SESSION 1898-99.

Fee.[1]	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[2]	Subjects of Examination.	DATES OF WRITTEN EXAMINATIONS AND HOURS AT WHICH THE DIFFERENT PAPERS WILL BE SET.					
			October, 1898.			March, 1899.		
£1 1s. on each entry for Examination, and balance, if any, before Graduation. Total Fees—LL.B. £5 5s., B.L. £3 3s.	21st September or 7th March,	Jurisprudence, - -	Mon.,	3rd Oct.,	9—12 noon.	Mon.,	27th Mar.,	9—12 noon.
		Private Internat. Law, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Scots Law, - - -	Tues.,	4th ,,	9—12 noon.	Tues.,	28th ,,	9—12 noon.
		Public Internat. Law, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Civil Law, - - -	Wed.,	5th ,,	9—12 noon.	Wed.,	29th ,,	9—12 noon.
		Constitut. Law & Hist.,	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Political Economy, -	,,	,, ,,	6—9 p.m.	,,	,, ,,	6—9 p.m.
		Conveyancing, - -	Thurs.,	6th ,,	9—12 noon.	Thurs.,	30th ,,	9—12 noon.
		Forensic Medicine, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Mercantile Law, - -	Friday,	7th ,,	9—12 noon.	Friday,	31st ,,	9—12 noon.

For Dates of the Preliminary Examination and of the Examinations in Arts subjects necessary for B.L., see pp. 159 and 179.

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[1] Under the new regulations the fee for LL.B. is £6 6s.; for B.L., £5 5s.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

Authorities recommended : Taswell-Langmead's English Constitutional History ; Stubbs' Select Charters (Introductory Sketch only) ; Anson's Law and Custom of the Constitution, Vol. I. ; Dicey's Law of the Constitution ; Leading Cases in Constitutional Law, by Thomas.

In Medical Jurisprudence.—Infanticide ; Concealment of Pregnancy ; Rape ; Wounds ; Identity ; Presumption of Survivorship ; General Evidence in Cases of Poisoning ; Poisoning by Arsenic; Examination of Blood Stains ; Legitimacy ; Insanity. (*Textbook*, Principles of Forensic Medicine, by Guy and Ferrier.)

In Political Economy and other Arts Subjects.—The subjects of examination for the Degree of M.A.

No candidate for the Degree of B.L. is admitted to an examination in Law subjects until he has passed in all the subjects of the preliminary examinations, and not fewer than two subjects in Law can be taken up at one examination, except in case of candidates for the Degree of B.L. under the new regulations.

6.—GRADUATION IN DIVINITY.

Degree of Bachelor of Divinity.

In Ordinance No. 63 the Universities Commission laid down the following regulations for this degree :—

I. No one shall be admitted to examination[1] as a candidate for the Degree of Bachelor of Divinity (B.D.) in any University unless he be (1) a graduate in Arts of that University, and have taken a complete Theological Course in a Scottish University or Universities, or in an institution or institutions specially recognized for the purpose of this ordinance by the University Court, or partly in a Scottish University or Universities and partly in such institution or institutions ;[2] or (2) a graduate in Arts of any Scottish University or other University specially recognized as aforesaid, and have completed his Theological Course, of which not less than two years' attendance shall have been given in the University in which he presents himself for examination.

II. The examination shall in all cases be conducted at the seat of the University granting the degree, and the Examiners shall be the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.[1]

III. Every student who at the time when this ordinance shall come into operation shall have completed a part of his Theological Course with a view to graduation as Bachelor of Divinity in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Divinity without complying with the provisions of this ordinance.

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[1] Ordinance No. 154 gives the Senatus Academicus power to admit candidates to examination in not more than three of the subjects, after the completion of the second session of attendance on their Theological course.

[2] The University Court has recognized *pro tanto* every Theological College in the United Kingdom having a distinct staff of teachers for the separate subjects, in so far as the Theological course is subsequent to the Arts course.

IV. The Degree of Bachelor of Divinity shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum.*

This degree is conferred on such qualified candidates as have satisfied the Examiners of their proficiency in the following departments, viz. :—

I. Hebrew, New Testament Exegesis, and Apologetics.
II. Divinity, Church History, and Biblical Criticism.

The scheme of examination for session 1898-99 is as follows :—

I. FIRST DEPARTMENT—

(*a*) *Hebrew.*—(1) Isaiah xxi.–xxxix.; (2) Psalms lxxiii.–cvi.; (3) Portions of unpointed Hebrew to be punctuated and translated ; (4) Translations from English into Hebrew.

Books that may be used :

The Commentaries on Isaiah by Delitzsch, Cheyne, von Orelli, Skinner (Cambridge Bible), and G. A. Smith ; The Commentaries on the Psalms by Delitzsch, Perowne and Cheyne ; the relative portions of Driver's Introduction (in which full references to Literature will be found) ; Driver's Isaiah, his Life and Times (Men of the Bible Series) ; Cheyne's Origin of the Psalter ; Müller's Outlines of Hebrew Syntax ; Davidson's Hebrew Syntax ; Robertson's Hebrew Exercises.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Acts of the Apostles. (2) Exegesis of Matthew iv. 17–xvi. 12, with critical comparison of the parallel passages in Mark and Luke ; (3) Exegesis of the Epistles to the Galatians and Philippians.

Books which may be consulted :

(1) Schneckenburger, Ueber den Zweck der Apostelgeschichte ; Lekebusch, Die Composition und Entstehung der Apostelgeschichte ; Spitta, Die Apostelgeschichte ; (2) The relative Commentaries of Meyer, De Wette, or Alford ; Bleek, Synoptische Erklärung der drei ersten Evangelien ; (3) The Commentaries of Meyer, Alford, Lightfoot, Ellicott.

(*c*) *Apologetics.*—(1) The Apologetics of the Second and Eighteenth Centuries ; (2) The Philosophy of Religion as in Kant, Hegel, Schleiermacher and Ritschl ; (3) Theories of Christianity and its relations to other Religions (Comparative Theology), *or* (alternatively), Antitheistic Theories.

Books which may be consulted :

(1) The Apologies of Aristides, Justin Martyr, and Athenagoras, Dr. Samuel Clarke, Berkeley, and Butler (Analogy) ; (2) Pfleiderer's Philosophy of Religion, I.; Kant,

Hegel, and Schleiermacher so far as translated, and Schleiermacher as in Morell's Philosophy of Religion, and Lichtenberger's German Theology; Ritschl as in Orr's Ritschlian Theology; Max Müller's Introduction to the Science of Religion, and Chips, I.; Flint's Antitheistic Theories; Bruce's Apologetics.

II. SECOND DEPARTMENT—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work; Biblical Theology—Synoptic Gospels and Epistle to the Romans.

Books which may be consulted:

The Treatises on Dogmatics by Hodge, Shedd, Strong, Oosterzee, Martensen, Dorner. Dorner on The Person of Christ; Ritschl, History of the Doctrine of Justification, etc.; Liddon, The Divinity of our Lord; Crawford and Dale on The Atonement; Bruce, The Humiliation of Christ; Orr, The Christian View of God; Fairbairn, Christ in Modern Theology; Calvin, Institutio, Lib. II. Wendt, The Teaching of Jesus; Bruce, The Kingdom of God; the New Testament Theology of Weiss and Beyschlag; Hodge, Morison, and Sanday on Romans, and Liddon's Analysis.

(*b*) *Church History.*—Reformation of Swiss, Gallican, and British Churches.

The following are among the books which may be consulted: Schaff's Church History; D'Aubigné's History of the Reformation; Burnet's History of the Reformation; Strype's Ecclesiastical Memorials; the Histories by John Knox, Calderwood, and Hill Burton; Gookin's Religious History of Ireland; Killen's History of the Irish Church.

(*c*) *Biblical Criticism.*—(1) Textual Criticism. (2) Hermeneutics.

Books which may be consulted:

(1) Davidson, Biblical Criticism; Tregelles, Treatise in Horne's Introduction, Vol. IV.; Scrivener, Introduction to the Criticism of the New Testament (fourth edition); Westcott and Hort, Prolegomena to the Greek Testament. (2) Davidson, Sacred Hermeneutics (1843), or Treatise on Interpretation in Horne's Introduction, Vol. II.; Ernesti, Institutio Interpretis; Immer, Hermeneutik des Neuen Testamentes.

The scheme of examination for session 1899-1900 will be as follows:

I. FIRST DEPARTMENT—

(*a*) *Hebrew.*—(1) Isaiah xl.-lxvi.; (2) Psalms cvii.-cl.; (3) Portions of unpointed Hebrew to be punctuated and translated; (4) Translations from English into Hebrew.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Gospel according to Mark; (2) Exegesis of Mark i. 1-viii. 26, with critical comparison of the parallel passages in Matthew and Luke; (3) Exegesis of the Epistles to the Thessalonians.

TABLE OF EXAMINATIONS FOR DEGREES IN DIVINITY, FOR BLACK THEOLOGICAL FELLOWSHIP, FOR FINDLATER SCHOLARSHIP, AND FOR JAMIESON PRIZE, TO BE HELD DURING SESSION 1898-99.

Department.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set.		
First.	19th October, 1898.	£2 12s. 6d.	Tues., 25th Oct., 1898.	Hebrew,	10—1 p.m.
			,, ,,	Hebrew,	2—5 p.m.
			Wed., 26th Oct., 1898.	Apologetics,	10—1 p.m.
			,, ,,	New Testament Exegesis,	2 5 p.m.
Second.	24th March, 1899.	£2 12s. 6d.	Thurs., 30th Mar., 1899.	Divinity,	10—1 p.m.
			,, ,,	Textual Criticism,	2—4 p.m.
			Frid., 31st Mar., 1899.	Church History,	10—1 p.m.
			,, ,,	Hermeneutics,	2—4 p.m.

[1] Forms of application for examination may be obtained at the Matriculation Office. These forms, when filled up, must be forwarded by the candidates to the Dean of the Faculty of Theology, along with certificates of attendance on the required classes, and, having been certified by him, must then be transmitted to the Assistant-Clerk (Matriculation Office) on or before the date prescribed above.

(c) *Apologetics.*—(1) Natural Theology, Theism, Antitheistic Theories; (2) Philosophy and History of Religion; (3) Origen's Apology and Butler's Analogy.

II. Second Department—

(a) *Divinity.*—(1) The Trinity and the Incarnation; (2) The Atonement; (3) Theology of the Epistle to the Hebrews.

(b) *Church History.*—Ante-Nicene Period.

(c) *Biblical Criticism.*—(1) Textual Criticism; (2) Hermeneutics.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their course in Arts, may present themselves for examination in the First Department. Candidates are not admitted to examination in the Second Department *until they have completed their Theological Course.*

7.—HONORARY DEGREES.

The powers of the Senatus Academicus to grant Honorary Degrees are regulated by Ordinance No. 41 of the Universities Commission (1889) of date 13th December, 1893, which received the approval of Her Majesty in Council on 28th May, 1894.

Degree of Doctor of Divinity.

The following are the regulations for the Degree of D.D.:—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Divinity, consisting of the Principal, three Professors from the Faculty of Theology (of whom the Professor of Divinity shall be one), and three other Professors to be selected by the Senatus Academicus from the other Faculties.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus Academicus for the degree; but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present a reasoned report, embodying its recommendations to the Senatus.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

(a) Whether he is an alumnus of this University, and whether he already holds the Degree of B.D., or any other University Degree.

(b) Whether his character and professional standing are such as to warrant the conferring of the proposed distinction.

(c) Whether, (1) being a Bachelor of Divinity of eight years' standing, he has passed a higher examination in any three of the six subjects embraced in the examination for the Degree of B.D.; or, (2) being a Bachelor of Divinity of fifteen years' standing, he has published a contribution of merit to Theological Literature.

V. No resolution to confer the Degree of Doctor of Divinity shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Degree of Doctor of Laws.

The following are the regulations for the Degree of LL.D.:—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Laws, consisting of the Principal and such Professors selected from the various Faculties as the Senatus Academicus may determine, provided that the total number of the committee shall not exceed twelve.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus for the degree, but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present to the Senatus a reasoned report embodying its recommendations.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

(*a*) Whether he is an alumnus of this or any other University, and whether he already holds any academical degree.
(*b*) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.
(*c*) And, in general, whether his character, profession, and position in society are such as to warrant the conferring of the proposed distinction.

V. No resolution to confer the Degree of Doctor of Laws shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Academic Dress.

GRADUATES OF THE UNIVERSITY.

On ceremonial occasions the graduates are expected to appear in the Gown and Hood proper to their degrees.

The ordinary Gowns to be worn by graduates of the University of Glasgow are of black silk or stuff, of similar shape to those appropriated to the corresponding degrees in the other British Universities.[1]

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[1] The Robemakers to the University have standard patterns of the gowns, which, it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.

The Hoods for the different degrees, as approved by the University Court on 19th May, 1893, are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).
M.A., Black Silk, lined with Red Purple Silk.
B.Sc., Black Silk, bordered with Scarlet Cloth and lined with Gold Coloured Silk (colour of Whin Blossom—*Ulex Europœa*).
D.Sc., Scarlet Cloth, lined with Gold Coloured Silk.
B.L., Black Silk, with an inside border of Venetian Red Silk (colour of Clove Carnations).
LL.B., Black Silk, bordered with Scarlet Cloth and lined with Venetian Red Silk.
LL.D., Scarlet Cloth, lined with Venetian Red Silk.
M.B. and C.M., Black Silk, bordered with Scarlet Cloth and lined with Scarlet Silk.
M.D., Scarlet Cloth, lined with Scarlet Silk.
B.D., Black Silk, bordered with Scarlet Cloth and lined with a light Cherry Silk.
D.D., Scarlet Cloth, lined with White Silk.

UNDER-GRADUATES.

By a Statute of the Commissioners appointed by the Act, 1690, chapter XVII., of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns ; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to academic dress ; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the academical dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that the proper academic dress for students in Arts is the red gown.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the red gown.

CEREMONY OF GRADUATION.

The following are the regulations adopted by the Senate :—

All degrees honorary or gained by examination, shall be publicly conferred, except in special cases to be decided by the Senate.

Candidates for graduation are required to appear in black gowns with the hoods appropriate to their degrees ; those who are already graduates, in the costume proper to their previous degree.

IX.—BURSARIES, SCHOLARSHIPS, Etc., PRIZES.

N.B.—No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations. In the case of Bursaries in the gift of the Senate, in appointing to which "a preference" is to be given to certain names, etc., by a "preference" the Senate understand, in every instance, a preference *cæteris paribus.*

The following is the general ordinance issued by the Universities Commission with regard to Bursaries, Scholarships, and Fellowships, which have taken effect prior to the 30th day of August, 1864 :—

ORDINANCE No. 57 (GENERAL, No. 19.—REGULATIONS AS TO BURSARIES, SCHOLARSHIPS, AND FELLOWSHIPS).

GENERAL.

I. For the purposes of this ordinance, bursaries in the Faculty of Arts (hereinafter referred to as bursaries in Arts) shall be deemed to be the bursaries now attached to the said Faculty by Deed of Foundation or by custom.

II. Bursaries in Arts heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study approved by the Senatus Academicus in subjects included in the curriculum for Degrees in Arts or in Pure Science.

III. All bursars in Arts, subject to the provision as to the fourth year of tenure contained in the immediately preceding section, shall attend in each year at least two classes qualifying for graduation in Arts, and shall duly perform the work of these classes : Provided (1) that, for the purposes of this section, the classes known as Middle Classes, so long as the same exist, may be attended in place of classes qualifying for graduation ; and (2) that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to permit such bursars as they shall from time to time select to attend classes qualifying for graduation in Pure Science in place of classes qualifying for graduation in Arts.

IV. It shall be in the power of the Senatus Academicus to suspend or deprive a bursar, scholar, or fellow on the ground of misconduct, or, if it think fit, on the ground of his failure to obtain class certificates, or to produce such other evidence as may be required that he is prosecuting his studies in a manner satisfactory to the Senatus Academicus.

V. Bursaries in Divinity heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study in Divinity approved by the Senatus Academicus.

VI. In the case of a bursary, scholarship, or fellowship, not in the gift of a patron, becoming vacant by forfeiture or otherwise before the expiry of the period of tenure, it shall be in the power of the Senatus Academicus, with the approval of the University Court, to determine as to the disposal thereof, or of the income thereof, during the remainder of the said period.

VII. Any bursary tenable in several Faculties successively shall not be attached to any one of such Faculties in any year other than a year in which in ordinary rotation it would have been attached to such Faculty.

VIII. It shall be in the power of the Senatus Academicus to require, as a condition of tenure, any holder of a scholarship or fellowship who is a graduate to engage in teaching within the University or to conduct tutorial classes, unless he shall satisfy the Senatus Academicus that he is pursuing special higher studies, or that he is engaged in original research.

IX. Each Examiner at competitions for bursaries, scholarships, or fellowships shall receive suitable remuneration, and it shall be in the power of the University Court to charge the funds of bursaries, scholarships, or fellowships with the necessary expenses of examination.

Open Bursaries.

X. (1) The subjects of the examination for open bursaries in Arts of the first year shall be the subjects prescribed for the Preliminary Examination in Arts instituted by Ordinance No. 11 (General, No. 6—Regulations for Degrees in Arts), Section III. The examination shall be taken at the Spring or the Autumn Preliminary Examination, according as the University Court shall determine, and shall be upon the same papers: Provided that the Senatus Academicus may, for purposes of competition, subject candidates to any further test that may be deemed necessary.

(2) Candidates for such bursaries who select in the Bursary Competition Examination, Latin, Greek, or Mathematics, shall, for the purposes of the competition, take the papers of the higher standard in those subjects: Provided that nothing herein contained shall prevent a candidate passing the Preliminary Examination if he complies with the provisions of Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), and Ordinance No. 44 (General, No. 16.—Regulations for Degrees in Arts Supplementary to Ordinance No. 11).

(3) No candidate shall, except as hereinafter provided, obtain a bursary in Arts who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus,

with the approval of the University Court, to admit to a bursary in Arts a candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar: Provided also that this power shall lapse after the expiry of seven years from the date hereof unless it be renewed by ordinance.

XI. It shall be competent for the Senatus Academicus, with the approval of the University Court, from time to time to make regulations as to the conditions under which persons shall be eligible to compete for bursaries of the first year in the Faculties of Arts and Science: Provided always that no student, who has during a winter or summer session attended any class qualifying for graduation in the said Faculties in any Scottish University, shall be eligible to compete for such bursaries.

XII. (1) In determining the marks to be assigned to the several subjects of the Bursary Competition Examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject.

(2) Candidates may select not more than five subjects for examination from the subjects of the Preliminary Examination in Arts, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senatus Academicus may from time to time prescribe.

XIII. The Senatus Academicus, in determining the results of the Bursary Competition Examination, may award bursaries in Arts of the first year in respect of exceptional distinction in any one branch of study: Provided that this power shall not be exercised with regard to more than two bursaries in any one year.

XIV. Bursaries open for competition to students entering on their first session of attendance in the Faculty of Medicine shall be tenable only by those students who have passed the Preliminary Examination in Medicine, or who have been exempted therefrom in accordance with the provisions of Section VI. of Ordinance No. 46 (St. Andrews, No. 4. —Regulations for Degrees in Medicine), Ordinance No. 14 (Glasgow, No. 1.—Regulations for Degrees in Medicine), Ordinance No. 15 (Aberdeen, No. 1.—Regulations for Degrees in Medicine), or Ordinance No. 16 (Edinburgh, No. 1.—Regulations for Degrees in Medicine), and who have not attended any class qualifying for graduation in Medicine: Provided always that the last-mentioned condition shall not be held to exclude a candidate who may have attended the class of Physics, Chemistry, Botany, or Zoology, otherwise than as part of a graduation course in Medicine.

Restricted and Preferential Bursaries.

XV. Candidates for bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts prescribed by Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), Section III., and no bursary shall, except as hereinafter provided, be awarded to any candidate who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts not awarded by open competition a candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar.

XVI. In the case of a bursary, scholarship, or fellowship in the gift of a patron, including bodies corporate and not corporate, becoming vacant by forfeiture or otherwise during the period of tenure, the Senatus Academicus shall forthwith give notice of the vacancy to the patron, who may, within such time as the Senatus shall fix, appoint a qualified student to fill the vacancy; and if he fail to do so within such time, the Senatus Academicus may select a deserving student to fill the vacancy until the next Preliminary Examination at which bursaries are awarded, when the patron's right to present shall revive.

XVII. On the occurrence of a vacancy in any bursary in the gift of a patron, including bodies corporate and not corporate, at the expiry of the period of tenure, the Senatus Academicus shall give notice of such vacancy to the patron of the bursary and of the date fixed for the Preliminary Examination next ensuing at which bursaries are awarded; and the patron may, if he think fit, submit to the Senatus the names of two or more candidates eligible for such bursary, who shall undergo an examination to be conducted by the Examiners for open bursaries in the University, and the result of the examination shall be communicated to the patron for his information, who shall thereafter present to the bursary.

XVIII. In the case of a bursary in the gift of a patron, including bodies corporate and not corporate, if no qualified person be presented before the date of the Preliminary Examination intimated in terms of the immediately preceding section, the bursary shall be open to unrestricted competition for that year; and in the event of no qualified person being presented as before provided at the beginning of the next academical year, the Senatus may either throw open the bursary to unrestricted competition, or continue the same to the student to whom it had previously been awarded: Provided that this section shall not apply in cases where the patron shall previously satisfy the Senatus Academicus that proper arrangements have been made for the selection of a bursar.

MISCELLANEOUS.

XIX. In the case of bursaries designed for poor students, the Senatus Academicus shall satisfy itself that the circumstances of candidates are such as to entitle them to the benefit of the endowment, and for this purpose the Senatus may require that a declaration be made by a parent or guardian, or by the minister of religion or schoolmaster, of each candidate as the Court shall think fit.

XX. [Preferences and restrictions cancelled. These have been noted under each bursary concerned.]

XXI. Nothing herein contained shall apply to any bursary or endowment granted by any incorporation or society whose funds, capital or revenue, have been and are contributed and paid by the members of such incorporation or society by way of entry monies or other fixed or stated contributions.

XXII. The Senatus Academicus, with the approval of the University Court, shall prescribe the subjects of examination and the conditions of competition for bursaries, scholarships, or fellowships, in so far as the same are not prescribed by ordinance or by deed of foundation.

XXIII. The provisions of any Ordinance of the Commissioners under the Universities (Scotland) Act, 1858, in so far as inconsistent with the provisions of this ordinance, are hereby repealed.

XXIV. This ordinance shall come into force from and after the 1st day of January, 1895, or as soon thereafter as it may be approved by Her Majesty in Council: Provided that nothing herein contained shall extend to, or affect the interests of, any person holding a bursary, scholarship, or fellowship at the date of its coming into effect. [Approved on 11th May, 1895.]

Bursaries for Women.

On 10th March, 1898, the University Court, in virtue of the power conferred by Ordinance No. 58, Section I., resolved to appropriate to competition, without restriction as to sex, all the open bursaries tenable in Arts, Science, or Medicine, which have taken effect prior to 30th August, 1864. To a number of other Bursaries either men or women may be appointed. In the following lists of Bursaries arranged according to Faculties, *italics* are used in printing the names of those Bursaries for which both men and women are eligible.

A.—BURSARIES ARRANGED ACCORDING TO FACULTIES.

BURSARIES IN THE FACULTY OF THEOLOGY.

Bursars in the Faculty of Theology are required to attend each session the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

Foundation.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, John,	3	4	£17
Black,	2	3	£42
Boyd and Sanders,	1	3	£13 16/8
Boyd and Wilson,	1	3	£24 6/8
Brown or Ettles,	2	3	£25
Dundonald,	6	3	£41 2/6
Gilhagie and Struthers,	1	3	£19 12/8
Hamilton,	3	3	£25
Hastie,	2	3	£25
Logan,	1	3	£16

BURSARIES IN THE FACULTY OF THEOLOGY—*Continued.*

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Lorimer,	4	3	£25 and £19
Lumsden,	1	4	£15
Macfarlane, James,	1	3	£23
Marshall,	1	4	£17
Morgan,	8	1	£20
Muir,	1	3	£32
Muir Divinity,	2	2	£25
Notman,	1	3	£18
Ross, John, jun.,	1	3	£30
King William's,	2	3	£20

BURSARIES IN THE FACULTY OF LAW.

Macfarlane, Robert,	—	—	—
Merchants' House,	1	3	£25
Walkinshaw-Young,	1	2	£18
Major Young's Fund,	2	6 and 2	£22

BURSARIES IN THE FACULTY OF MEDICINE.

Arthur,[1]	1	3	£20
Brisbane,	1	4	£42
Davidson,	1	3	£32
Gibson, Dr. Thomas,	1	—	£30
Glasgow Highland Society,	5	4	£25
Logan,[2]	1	4	£16
Lorimer,	4	3	£25 and £19
Macarthur,	1	2	£20
Macfarlane, John,	1	3	£40
Mackintosh,[2]	1	1	£31
Marshall,	1	4	£17
Merchants' House,	2	4	£25
Monteith, John,	2	2	£21
Paterson, James A.,	8	4	£30 and £15
Rainy,	2	2	£20
Walton,	1	4	£34
Weir, Andrew,	1	1	£16 10/

BURSARIES IN THE FACULTY OF SCIENCE.

Buchanan Society (Arts or Science),	16	4	£30
Elder,	2	2	£50
Kerr, Malcolm,	2	3	£19
M'Ewen, Malcolm (Arts or Science),	1	4	£16
Metcalfe,	4	2	£25
Muir (Civil Engineering),	2	1	£12 10/
Pender Memorial,	1	1	£40
Strang,	4	3	£20
Young, George,	1	1	£33

[1] Open to women students only.

[2] Both men and women are eligible.

BURSARIES IN THE FACULTY OF ARTS.

Bursars in the Faculty of Arts are required to attend at least two classes each session.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, James,	2	4	£11
Adamson,	1	3 or 4	£20
Barbour (Kilbarchan),	1	3	£18
Biggart Memorial,	10	4	£25
Black,	2	4	£21
Blackquarry School,	1	4	£12
Brand,	3	4	£22
Brown, Ebenezer,	1	3	£40
Browne (Ayrshire),	2	4	£21
Brown-Paton,	2	3	£16
Buchanan,	2	3	£13
Buchanan Society (Arts or Science),	16	4	£30
Clark, John (Mile-end),	24	4	£30
Cowan,	1	3	£26 13/4
Craig,	1	4	£25
Craig, Archibald,	1	2	£9
Crawfurd and Brown,[1]	1	4	£19 13/4
Davidson,	1	3	£32
Duncan's Bute,	2	4	£32
Dundonald,	8	4	£40
Ewing, James,	4	4	£20
Forfar,[1]	5	4	£36
Foundation,[1]	2	4	£20
Fullarton of Overton,	5	2	£22
Gartmore,[1]	1	3	£21
General Council,[1]	4	3 or 2	£20
Glasgow City Educational Endowm'ts,[1]	20	4 or 2	£25
Grant, George,	1	3 or 4	£40
Grant, George, jun.,[1]	1	4	£40
Hamilton,	3	3	£20
Hamilton Educational Trust,	3	3	£15
Hannay,	3	3	£15
Hastie,[1]	1	4	£25
Highland Society, Glasgow,	15	4	£20
Howison and Gilchrist,	1	4	£17
Hutchesons' Educational Trust,	20	4	£20
Hyndford and Ross,	1	4	£10 16/8
Jaffrey, John Ferguson,	1	2	£34
Kerr, Malcolm (Nat. Phil.),	1	3	£19
Laing, Alexander,	1	3	£20
Laing, James,[1]	8	4	£25
Leadbetter,	1	4	£9
Leyden, John,	1	3	£13
Lochhead, James,	1	3	£16
Lochhead and Mitchell,	2	4	£33

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[1] Both men and women are eligible.

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Lorimer (4 Phil. 4 Math.),	8	3	£25 and £19
Lusk,	1	3	£30
M'Crie,	4	4	£25
M'Culloch,	1	4	£17
MacDougall,	3	3	£33
M'Ewen, Malcolm (Arts or Science),	1	4	£16
MacGrouther,	2	4	£20 and £15
Maitland Club,	1	—	—
Marshall Trust,[1]	20	5	£30
Menzies,	4	4	£45
Merchants' House,	1	4	£25
Monteith,	3	3	£14
Morgan,	16	1	£20
Muir (Mathematics, Senior),	1	1	£20
Muir (Mathematics, Junior),	1	2	£10
Paterson, James,	1	4	£20
Paterson, James A.,	6	3	£40 and £20
Patrick,	3	4	£24
Perthshire Society,	1	3	£25
Pollock,	3	3	£40
Ramsay-Walker,	2	4	£12
Scott,	3	4	£25
Stevenson of Dalry,	2	4	£32
Stewart,[1]	3	4	£15
Thomson, James (Philosophical),	1	2	£9
King William's,[1]	2	3	£15

BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.

Ardkinglass,	1	6	£9 10/
Buchanan (Bellfield),	2	7	£47
Leighton,	1	3	£18
Williams,	4	3 or 4	£40

BURSARY IN THE FACULTIES OF ARTS OR THEOLOGY.

Lamb,	1	—	£12

BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.

Macdonald,	2	4	£15
William Whyte,	4	4	£25

BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.

Armagh,[1]	3	3	£45
Hutcheson, Thomas,	1	4	£11 2/2¾

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[1] Both men and women are eligible.

BURSARIES IN ANY FACULTY.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Ayrshire Society,	4	3	£15
Celtic Society (Campbell),	1	1 or more	£5
Denny,	4	4	£30
Dumfriesshire Society,	2	4	£15
Ferguson, James,	2	2	£85
Forrest,	5	5 or less	£22
Gibson, John,	2	3	£20
Kintyre (Ker),	1	3	£20
Kintyre (Alexander Love),	1	4	£11
M'Kechnie,	2	4	£35
Shearer,	3	3	£30
Smith,	1	4	£18
Stillie,	1	1	£5
Taylor,[1]	2	4	£7

[1] Both men and women are eligible.

B.—BURSARIES (ALPHABETICALLY ARRANGED).

JAMES ADAM BURSARIES (*Arts*).—These bursaries were founded by the Rev. James Adam, Minister of Cumbrae, who died in 1830, and were originally three in number. In appointing to one of the bursaries, preference was given to the kindred of the founder, and in appointing to another to students of the name of Adam. By Ordinance No. 80 of the Universities Commission (1889) these restrictions were removed, and the three bursaries were combined into two of equal value. The bursaries are tenable for four years, but if a bursar graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to these bursaries. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae, the exercise of their patronage being regulated by Ordinance No. 57, Sections xv.—xviii. Value, about £11 per annum each.

Bursars—Thomas Pattison, 1896 ; Hugh R. Wishart, 1896.

JOHN ADAM BURSARIES (*Theology*).—Three in number, founded by Mr. John Adam, of the Inner Temple, who died in 1836. The founder gave a preference to his own kindred and to students of the name of Adam or Dollar. By Ordinance No. 57 of the Universities Commission (1889) this preference was cancelled. They are open to competition to students in Theology of the first year ; and, after examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years, subject to the provisions of Ordinance 57, Section v. Value, £17 to each bursar. (Two vacancies.)

Bursar—William L. Levack, 1897.

Adamson Bursary (*Arts*).—This Bursary was founded by the Rev. David Adamson, minister of Fintry, in 1674, for a student in Philosophy, and was restricted to sons of freemen in one of the seven Incorporate Trades of Stirling. This restriction was removed by Ordinance No. 57 of the Universities Commission (1889). It is tenable for four years by a student entering the Greek Class, for three years by a student entering the Logic Class ; and the appointment is vested in the Convener Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500.

Bursar—David Forfar, 1897.

Ardkinglass Bursary (*Arts and Theology*).—This Bursary was founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader of Barndennoch, Glencairn, Dumfriesshire, had by his Will set aside for pious uses, and was tenable for eight years—five in Languages and Philosophy, and three in Divinity. It is now regulated by Ordinance No. 87 of the Universities Commission (1889). A bursar may hold the Ardkinglass Bursary for three years in the Faculty of Arts, and for three years in the Faculty of Divinity, and no longer ; but a bursar, who at the end of the third year of his tenure has failed to pass all the examinations necessary for graduation in Arts, shall forfeit the Bursary, and in that event it shall be lawful for the patron to nominate a candidate, who shall be a Master of Arts, or shall have passed the examinations necessary for admitting him to that Degree, and shall be entering on his course of study in the Faculty of Divinity ; failing such nomination by the patron, the Bursary shall be awarded by the Senate to a candidate qualified as aforesaid, under such conditions as the Senate shall prescribe, but a Bursar thus nominated shall not hold the Bursary for more than three years. In other respects the provisions of Ordinance No. 57 apply to the Ardkinglass Bursary. Patron, Mr. Geo. F. W. Callander of Ardkinglass and Craigforth. Value, £9 10s. (Vacant.)

Armagh Bursaries (*Theology, Law, or Medicine*).—Three in number, founded in 1733 by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commission (1858) these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed.

Further regulations were laid down in Ordinance No. 92 of the Universities Commission (1889). The Bursaries are open by competition to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours in the following rotation: (1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. They are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. One Bursary (value about £45) will be open to competition in October, the subject of examination being Classics.

Bursars—[1] William M. R. Pringle (Classics), 1895; William Morrison (Mental Philosophy), 1896.

ARTHUR BURSARY OR SCHOLARSHIP (*Medicine*).—Founded in 1892 by Mrs. Arthur of Barshaw. This Bursary is at present of the annual value of £20. It is open to women students in the Medical School at Queen Margaret College. It is to be awarded by the Trustees to the student who shall take the highest place among the Queen Margaret College candidates at the First Professional Examination held in the University before the commencement of the winter session in which an appointment falls to be made, provided always that a candidate may take part of her examination in the March or April preceding. If two students are of equal merit, the Bursary will be divided between them, and if more than two are equal, a special examination may be held to determine who shall be the recipient. The Bursary is tenable for three years, subject to the condition that the Bursar prosecute her medical studies with the approval of the Trustees.

Bursar or Scholar—[1] Jessie S. B. Hunter, 1895.

GLASGOW AYRSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Four in number, founded in 1868 and 1879 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £1,501 11s. subscribed by members of the Society, to be devoted to the establishment of bursaries in the University of Glasgow, and invested for that purpose. The bursaries, which are at present £15 per annum each, are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances rendering the aid of a bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. Alexander M'Lennan, 92 St. Vincent Street, Glasgow. (One vacancy.)

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[1] Vacant through lapse of time.

Bursars—James Faulds, 1897; James N. Todd, 1897; Martin Phillips, 1897.

BARBOUR KILBARCHAN BURSARY (*Arts*).—Founded in 1887 by the Executors of Miss Mary Barbour of Plymouth Grove, Manchester, who bequeathed £500 free of legacy duty for the purpose of endowing a scholarship for the Board School of Kilbarchan, Renfrewshire. The bursary is open to students of the first year, and is tenable for three years. Candidates must not exceed the age of eighteen years, must produce a certificate from the Kilbarchan School Board that they have attended three years at the Kilbarchan Village or Town Board School, are of irreproachable character, and have given satisfactory evidence of good natural ability, diligence and proficiency in their studies, and must be examined at the ordinary Bursary Examination. (Vacant.)

BIGGART MEMORIAL BURSARIES (*Arts*).—Founded in 1876 by Mr. Thomas Biggart of Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The bursaries are open to competition at the annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the Degree of Master of Arts.

The bursaries are tenable for four years, and the yearly value of each is £25.

The Bursary Fund consisted of the sum of £6,000, and the deed of foundation provided that the surplus revenue, if any, may be applied to prolong the tenure of any of the bursars for a fifth year, or to the granting of additional bursaries on the same conditions as are applicable to the others.

The bursary is payable by equal moieties on the second day of February and at the close of the winter session; and the bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognized by that Church as an accepted student, pursuing his studies with a view to the ministry therein. (One vacancy.)

Bursars—James Fraser, 1895; Hugh Watt, 1896; Marshall N. Goold, 1896; Thomas K. Wylie, 1897; David R. M. Keir, 1897; James H. Steel, 1897.

BLACK BURSARIES (*Arts*).—Founded by Mrs. Janet Black, widow of the Rev. William Black, D.D., Minister of the Barony Parish, Glasgow. Mrs. Black died in 1876, and by her Settlement, made provision, *inter alia*, for the institution of two bursaries in Arts, each of the annual value of £20 or thereby. The bursaries are open to competition to students entering on their first session in the University; and the bursars are required to attend the qualifying courses for a degree in Arts.

Bursars—[1] John A. L. Swan, 1895; James M. Clark, 1896.

BLACK BURSARIES (*Theology*).—Founded by Mrs. Janet Black—who died in 1876—in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The bursaries are entrance bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any four subjects taken from at least two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

Bursars—James D. Mitchell, M.A., 1896; Andrew Macfarlane, M.A., 1897.

BLACKQUARRY SCHOOL BURSARY (*Arts*).—Founded in 1876 by the Trustees of the Blackquarry School, Port-Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to Students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value, the annual income of a sum of £420 (about £12).

Bursar—Dugald Blue, 1897.

BOYD AND SANDERS BURSARY (*Theology*).—In 1635, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years, each of the value of £5 10s. per annum. The appointment to one of these was vested in the Merchants' House of Glasgow; and the patrons of the other two were the members of the City Council. Preference to burgesses' sons, particularly of the name of Boyd.

The Bursary, value £5 10s., in the gift of the Merchants' House of Glasgow, and the Sanders Bursary, value £8 6s. 8d., founded in 1728 by Mr. Robert Sanders of Auldhouse, also in the gift of the

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[1] Vacant through resignation of Bursar.

Merchants' House, were, by an order obtained under the authority of the Endowed Institutions Commission in 1880, conjoined into one Bursary of £13 16s. 8d. per annum, tenable for not more than three years by a student attending the ordinary curriculum in the Faculty of Theology at the University of Glasgow. The preference, *cœteris paribus*, to the names Boyd, Sanders, Corbet, Colquhoun, and Wardrop, was cancelled by Ordinance No. 57 of the Universities Commission (1889). When a vacancy occurs applications are to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September.

Bursar—[1] John D. Dykes, 1895.

BOYD AND WILSON BURSARY (*Theology*).—By ordinance of the Universities Commissioners of date 17th May, 1862, the two Boyd Bursaries in the gift of the Magistrates and Town Council of Glasgow (see p. 240) were conjoined into one, tenable for three years, the Bursar to be M.A. By an ordinance of the same date the two Bursaries, value £6 13s. 4d. per annum each, which were founded by Mr. Michael Wilson in 1640, and placed under the same patronage, were also conjoined into one, tenable for three years, the holder to be M.A. in regular attendance at the University as a student of Theology. Restrictions as to kindred, etc., were in both cases abolished.

This Boyd Bursary and this Wilson Bursary were, by Ordinance No. 78 of the Universities Commission (1889), conjoined into one Bursary, called the Boyd and Wilson Bursary, value £24 6s. 8d. per annum. The holder must be a Master of Arts of a Scottish University. The Bursary is tenable for three years, provided that the Bursar shall, during that period, give regular attendance as a student of Theology in Glasgow University. When a vacancy occurs, applications are to be lodged with the Town Clerk, City Chambers, not later than 1st September.

Bursar—David F. Liddle, M.A., (1896) 1897.

BRAND BURSARIES (*Arts*).—Mr. Robert Brand, son of the late Mr. Robert Brand, coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of students in the University who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting, with interest, to the sum of £2,121 7s. 5d., was paid by the Trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £22 each, and are awarded by public

[1] Vacant through lapse of time.

competition to students entering their first or second session in the Faculty of Arts; the Bursars to graduate as M.A. at the end of their course. One appointment will be made in 1898.

Bursar—William B. Smith, 1897.

BRISBANE BURSARY (*Medicine*).—Founded by Miss Christian Brisbane in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

It is tenable by a student of Medicine for four years, and the salary is about £42 per annum. The family of Brisbane and the University present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

The preference formerly given to the kin of the founder was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursar—Charles C. Cuthbert, M.A., 1896.

BROWN BURSARY.—See Crawfurd and Brown, p. 247.

BROWN OR ETTLES BURSARIES (*Theology*).—Two in number, founded in 1867 by Miss Ettles of Inverness, in memory of her brother-in-law, Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary Degree of M.A.; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

Bursar—[1] Coll A. Macdonald, 1895.

EBENEZER BROWN BURSARY (*Arts*).—Founded in 1884 under the Trust Disposition and Settlement of Mr. Ebenezer Brown, export bottler, West Campbell Street, Glasgow. Mr. Brown, who died on 31st July, 1883, bequeathed to the Senate the sum of £1,000, free of legacy duty, for the purpose of founding and maintaining a bursary in the Faculty of Arts, to be granted to the student who shall stand highest in a competitive examination on such subject or subjects in Arts as the Senate may prescribe. The Senate have full power to vary such subject or subjects from year to year, and to lay down such regulations regarding the bursary as they may see fit. The bursary is open to competition to all students entering on their first or second year of attendance, provided that no student in his second year shall be eligible who on entering upon his first year of attendance passed the whole Preliminary Examination. It is tenable for three years.

Bursar—[1] James M'Clelland, 1895.

[1] Vacant through lapse of time.

BROWNE (AYRSHIRE) BURSARIES (*Arts*).—Two in number, tenable for four years, and each of the annual value of about £21, founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the county of Ayr, who for this purpose, and in memory of his brother, the late Dr. Alexander Browne of Buenos Ayres, mortified to the University of Glasgow the sum of £1,000. The bursaries are awarded by competition. Candidates must be natives of the county of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University.

Bursars—John Gillies, 1895 ; William R. Wiseman, 1896.

BROWN-PATON BURSARIES (*Arts*).—Founded in 1891 by Mr. Andrew Brown-Paton, Liverpool, in memory of his father, mother, and three sisters. The bursaries are two in number, and are tenable for three years. They are open for competition to students of the first year, with a preference to natives of the parishes of Loudon or Galston in Ayrshire. Should no candidate from either of these parishes come up to the standard of the Entrance Examination then held in Arts, the bursaries are open to candidates from any part of Ayrshire. Failing qualified candidates from Ayrshire, the bursaries are open to all students of the first year. In case of a vacancy, otherwise than by lapse of time, a student of the same standing is appointed by the Senate by examination or otherwise. Each bursar receives one half of the free proceeds of the capital sum, £1,000, paid over to the University Court by the founder.

Bursars—[1] William G. Walker, 1895 ; Colin Paterson, 1897.

BUCHANAN BURSARIES (*Arts*).—Founded by the late Robert Buchanan, LL.D., Ardfillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by Codicils to his Will, dated 26th December, 1871, and 26th March, 1872, in which, as a "token or expression of his gratitude and respect to the University of Glasgow, with which, as a student, or Professor, or member of the University Court, he had been connected for the space of fifty years," he bequeathed the sum of £1,000 for the purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that may appear to the Senatus best for the interests of the University. The Senate resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session ; the Bursars to be appointed by competitive examination among students of the first year. Present value, £13 to each Bursar.

Bursars—[1] William Macnab, 1895 ; John C. Mann, 1897.

[1] Vacant through lapse of time.

BUCHANAN (BELLFIELD) BURSARIES (*Arts and Theology*).—Founded in 1875, in accordance with the Trust Disposition and Deed of Settlement of the late Misses Margaret Jane and Elizabeth Buchanan of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in Reduced 3 per cent. Annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to their becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointments from the University Court. The Bursaries are tenable during the whole curriculum "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts. Present value, £47 per annum to each Bursar.

Bursars—Brodie S. Gilfillan, 1896; James G. MacDonald, 1897.

BUCHANAN SOCIETY BURSARIES (*Arts or Science*).—These Bursaries, instituted by the Buchanan Society, are of two kinds, Classical and Technical. The former were established in 1877, the latter in 1893. They are open to students of the names of Buchanan, M'Millan, M'Auslan, M'Wattie, and Risk. The Classical Bursaries are each of the annual value of £30, and tenable for four years at any Scottish University. Candidates must be over sixteen and under twenty years of age. The Technical Bursaries are each of the annual value of £35, and tenable for three years at any Scottish University, or at any of the Technical Colleges of Glasgow, Edinburgh, Dundee, or Aberdeen, approved of by the Society. In the event of a Technical Bursar desiring to take the Degree of B.Sc., his tenure may be extended to a fourth year. Both the Classical and the Technical Bursaries are awarded by competition, the subjects of examination being English and any three selected by the candidate out of the following, viz., Latin, Greek, French, German, Mathematics, Science. Candidates for Technical Bursaries must also shew proficiency in Freehand Drawing. Four Bursaries (two Classical and two Technical) will be given in September, 1898, provided a sufficiently high standard is reached by the candidates. Applications should be lodged not later than 15th September with the Secretary, Mr. G. Y. Strang Watkins, 186 West George Street, Glasgow, from whom further information may be obtained.

Bursars—Archie Morven Macmillan (Technical), 1895; Thomas Buchanan (Classical), 1895; William John Risk (Classical), 1895; Thomas T. Buchanan (Classical), 1896; Robert Buchanan (Classical), 1896; Joseph F. M'Millan (Classical), 1896; Hugh M. Macmillan (Technical), 1896; J. M. Macmillan (Classical), 1897; George G. Buchanan (Classical), 1897; Neil B. Macmillan (Technical), 1897; Peter Macmillan (Classical), 1898.

Celtic Society's Campbell Bursary (*Any Faculty.*)—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native, or a son of a native, of the Highlands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Additional Bursaries not exceeding £5 are also granted by the Society, when its funds permit, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. Charles M. Williamson, 194 West George Street, Glasgow, on or before 1st October in each year. Application forms may be obtained from Mr. Williamson.

Bursars—R. R. MacNicoll (Campbell Bursary), 1897; Donald Macpherson, 1897 (one year); Hector MacLean, 1897 (one year).

George A. Clark Bursaries or Scholarships (*Arts, etc.*)—(See under "Scholarships.")

John Clark (Mile-End) Bursaries (*Arts*).—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, of the firm of John Clark, junior, & Co., thread manufacturers, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. On 29th October, 1897, the Trustees resolved that it should not be competent for any one appointed after that date to a John Clark (Mile-End) Bursary to hold any other Bursary or Scholarship concurrently with it. The competition is to be in writing, and the trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate, said residue amounting to upwards of £35,000. Six Bursaries on this foundation will be competed for in October, 1898.

Bursars—[1] William H. Begg, 1894; [1] James Sheridan, 1894; [1] John Harvey, 1894; [1] Gordon B. Nielson, 1894; Joseph Walker, 1895; David M. Stewart, 1895; Alexander D. Lindsay, 1895; Daniel F. Riddell, 1895; John Anderson, 1895; Robert W. Stewart, 1895; Samuel F. H. Mackay, 1896; Daniel O'May, 1896; Robert B. Carslaw, 1896; Peter Ramsay, 1896; John Paul, 1896; Archibald D. Thomson, 1896; David M. Hutchison, 1897; James F. Dyer, 1897; George D. Reith, 1897; Steuart N. Miller, 1897; John J. Gemmell, 1897; William E. MacDonald, 1897.

[1] Vacant through lapse of time.

Cowan Bursaries (Ayr Academy) (*Arts*).—These Bursaries were founded by the late David Cowan, Esq., of Auchendrane, who bequeathed to the Directors of the Ayr Academy the sum of £2,000, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who should have received their previous education, or part of it, at Ayr Academy. These Bursaries are now administered by the "Ayr Educational Trust." Under Scheme 328, Section 26, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 8th February, 1890, the Governors are instructed to apply an annual sum of not less than £80 in establishing Bursaries for University education, to be called the Cowan Bursaries, each of the yearly value of not less than £20 nor more than £30. These Bursaries are awarded by competitive examination among those who have been pupils in the Ayr Academy for at least two years before the date of examination. The Governors have resolved to award them alternately to students of Glasgow and Edinburgh Universities. The Bursaries are tenable for three years, the total value of each being £80, payable by instalments of £30 per annum for the first two years, and £20 for the third year. No student who has gained a Cowan Bursary shall hold along with it any other Bursary or Scholarship which either singly or in combination exceeds the amount of £10 per annum, without the consent of the Governors. On a vacancy, intending candidates must send in their names and addresses to the secretary, Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University.

Bursar—John J. Gemmell, 1897.

Craig Bursary (*Arts*).—Founded by Mr. John Craig, merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. The preference to kindred of Founder, and students of the name of Craig, was cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, £8 6s. 8d. per annum, increased by the Patrons in 1880 to £25. Appointment by the Merchants' House. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September of the year in which a vacancy occurs.

Bursar—[1] Thomas Craig, 1894.

Archibald Craig Bursary (*Arts*).—The Rev. Archibald Craig, some time minister of the Free Church at Dalton, thereafter residing at Eaglesham, who died on 10th March, 1873, by his Will, dated 4th March, 1873, bequeathed a sum which, with accretions, now amounts to £250, to be devoted to the foundation of a Bursary in the University of Glasgow. The Trustees of the Bursary Fund are —the Minister for the time being of the Parish of Eaglesham, the Minister for the time being of the United Presbyterian Church, Newton-Mearns, and certain other gentlemen. The Bursary was founded in 1884. It is open to competition, at the annual Bursary Examination, to all students entering on the first session of attendance at the University, who are natives of the parishes of Eaglesham or Mearns, or who for two consecutive years have attended school in either of said parishes ; is awarded by the Senate in accordance with the result of that examination ; and is tenable for the first two years of such student's attendance at the University. The Bursary is payable at the close of the winter session. Should the Bursary be in abeyance during any session or sessions, from failure of students falling under the above description, the accumulation may, in the discretion of the trustees, be applied to the increase of the Bursary in any subsequent session or sessions, or may be added to the capital fund. (Vacant.)

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[1] Vacant through lapse of time.

CRAWFURD AND BROWN BURSARY (*Arts*).—The Crawfurd or Bishop's Bursary was founded by Captain Thomas Crawfurd of Jordanhill in 1576, and was appropriated to a student in Languages. It was tenable for four years, the value being a chalder of meal. The Patrons were the Principal and the Professors of the University. The foundation was remodelled by ordinance of the Universities Commission, dated 7th June, 1862. The Brown Bursary was founded in 1697 by Colonel Brown of Maryland. It was tenable for four years. The annual value was £5, increased in 1880 to £6 13s. 4d. by an addition from the Students' Bursary Fund. This Bursary, being also in the patronage of the Principal and Professors, was combined with the Crawfurd Bursary by Ordinance No. 81 of the Universities Commission (1889), the joint-bursary to be called the Crawfurd and Brown Bursary. The preference as to kindred attaching to the Brown Bursary was abolished. The Crawfurd and Brown Bursary is tenable for four years, the annual value being £19 13s. 4d. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure, if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary.

Bursar—Thomas Paterson, 1896.

DAVIDSON BURSARIES (*One in Arts and one in Medicine*).—Two in number, founded in 1881, in terms of the Trust Disposition and Settlement of Mrs. Eliza Davidson, who bequeathed £2,000 for that purpose, the one bursary being in memory of her husband, John Davidson, surgeon, Newmilns, and the other in memory of her son, Francis John Ferguson Davidson. A preference is given, *cæteris paribus*, to the Founder's relatives, and to young men natives of the parishes of Muirkirk, Dalserf, Lesmahagow, and Loudon. One of the Bursaries is open to competition to students of the first or second year in the Faculty of Arts, and is tenable for three years, but the second moiety of the third year's Burse is not payable until the bursar shall have passed the examinations in four subjects taken out of at least two Departments for the Degree in Arts. The other Bursary, also tenable for three years, is awarded to the medical student who stands first in the First Professional Examination, provided that his attendance at the classes has not exceeded the requirements of the Ordinance.

Bursar in Arts—William H. Buchan, 1897.

Bursar in Medicine—[1] Alexander L. Watson, 1895.

DENNY BURSARIES (*Any Faculty*).—Four in number, founded in 1875, by the late Peter Denny, LL.D., engineer and shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who are not under fourteen years of age, and who have been pupils in regular attendance at the Dumbarton Burgh Academy for at least two years, one of which must be immediately preceding the date of such entry. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. Peter Denny and Mr. Leslie Denny, nominated in 1896 by the Sheriff of Dumbartonshire, the Principal and Professors, and one of the four Assessors of the General Council in the University Court appointed by the four Assessors, or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889).

Bursars—[1] Murdoch M'Iver, 1894; William Walker, 1895; John H. Barbour, 1896; Hugh de P. Birkett, 1897.

GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Two in number, the one founded in 1874 and the other in 1876. They are in value £15 per annum each, are tenable for four years, and consist of the annual proceeds of a sum subscribed by members of the Glasgow Dumfriesshire Society and invested for the establishment of Bursaries in Glasgow University. The Bursaries are open to first and second year's students, between the ages of 14 and 21, who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Application to be made to the Secretary, Mr. Francis Stoddart, 58 West Regent Street, Glasgow, not later than 1st September of the year in which a vacancy occurs.

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[1] Vacant through lapse of time.

Bursars—[1] James Dinwoodie, 1894 ; John J. M. Elliot, 1896.

DUNCAN'S BUTE BURSARIES (*Arts*).—Founded in 1875 for the benefit of natives of the island of Bute, by Mr. James Duncan of Valparaiso, and afterwards of Rothesay, who by his Will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years ; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The examination is in the same subjects and at the same time as the examination for the other competition Bursaries. There is a preference, *cæteris paribus*, to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality the Bursary may be divided. Present value, £32 to each Bursar. On 28th October, 1897, the Patrons made a by-law declaring that it should not be competent for any one appointed after that date to a Duncan's Bute Bursary to hold any other Bursary or Scholarship concurrently with it.

Bursars—Archibald Leitch, 1895 ; Archie D. Thomson, 1897.

DUNDONALD BURSARIES (*Eight in Arts and Six in Theology*).—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity.

In 1858 the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained, authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy and six in Divinity.

The Bursaries were further regulated by Ordinance No. 94 of the Universities Commission (1889). The Bursaries in Arts are tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure, if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are tenable for three years, and no longer. A student cannot be appointed to a Dundonald Bursary in Divinity unless he has passed all the examinations required for graduation in Arts. In other respects the provisions of Ordinance No. 57 apply to all the Bursaries on this Foundation. The Bursars in Arts receive £40 each per annum, and those in Divinity £41 2s. 6d. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September. (Two vacancies in Arts and two in Divinity.)

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[1] Vacant through lapse of time.

Bursars in Philosophy—[1] John M'Gregor, 1894; [1] Robert S. Masterton, 1894; Duncan Morrison, 1895; William A. Gillies, 1896; Alex. S. M'Millan, 1896; [2] Thomas Gibb, 1897; Robert J. Hamilton, 1897.

Bursars in Divinity—[1] Andrew Watt, M.A., 1895; [1] Archibald Hunter, M.A., 1895; Dugald Clark, M.A., 1896; John A. MacCormick, M.A., 1896; David A. Morrison, M.A., 1897; David Preston, M.A., 1897.

ELDER BURSARIES.—With a view to the encouragement of merit shown by the sons of working men, Mrs. Elder has intimated her intention of giving annually to the most deserving student of the Science and Art Classes in connection with the Young Men's Christian Association, Govan Section, a Bursary of £25 per annum, to which will be added by the Department of Science and Art an equal sum, making £50 in all. The Bursaries will be tenable for two years.

Candidates must have taken the undermentioned classes in the Govan Science and Art Section:—Mathematics (2nd stage); Theoretical Mechanics (Elementary); Steam and the Steam Engine, or Naval Architecture (advanced stage).

The competition by which the Bursar is to be selected will be in the above subjects, and will be conducted by the Department of Science and Art at the May examination, the tenth examination being held in May, 1898.

Candidates must be employed in workshops on the Govan side of the Clyde from Glasgow to and including Renfrew, or must reside in the district. A Bursar will be required to enrol in and attend the following classes at the University during the first year of his attendance:—(1) Natural Philosophy; (2) Chemistry (lectures); (3) Mathematics; (4) Naval Architecture and Marine Engineering. During the second year of attendance: (1) Mathematics; (2) Civil Engineering and Mechanics (lectures); (3) Naval Architecture and Marine Engineering. These Bursaries are to be continued during Mrs. Elder's pleasure.

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[1] Vacant through lapse of time.

[2] Appointed subject to Ord. No. 57, Sec. xv.

JAMES EWING ENTRANCE BURSARIES (*Arts*).—Four in number, founded in 1879 by the Merchants' House of Glasgow in accordance with the Deed of Endowment of the late Mr. James Ewing of Strathleven. The Directors resolved to apply annually £80 of the income of his legacy of £10,000 for educating, training, and settling in business the sons of Glasgow merchants in entrance Bursaries of £20 each. The Bursaries are tenable for four years by students giving regular attendance on classes in the Faculty of Arts. Open to first year's students. The appointments to the Bursaries will be made in accordance with the annual Bursary competition at the commencement of the session ; candidates to be qualified as above. Applications to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September, in each year. (One vacancy.)

Bursars—John D. Johnston, 1895 ; Thomas M. Hunter, 1896 ; Archibald G. Bisset, 1897.

JAMES FERGUSON BURSARIES (*Theology, Law, Medicine, or Department of Engineering Science*).—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three Faculties of Divinity, Law, or Medicine, or in the Department of Engineering Science. The Bursaries are awarded for special proficiency in Arts studies, according to the following rotation, viz. :—In November, 1878, and thereafter triennially, in Mental Philosophy, together with English Literature ; in November, 1879, and thereafter triennially, in Mathematics and Natural Philosophy ; in November, 1880, and thereafter triennially, in Classical Literature. The Examination is the same as that for honours in the Groups of Classics, Mental Philosophy, and Mathematics and Natural Philosophy respectively (with the addition in the case of the Group of Mental Philosophy of a paper on English Literature), at the annual Examination for Degrees in October. Candidates must have completed the course of attendance required for admission to examination in the corresponding Group for the Degree of M.A. with Honours. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Engineering Science, as he may, with approval of the Senate, select. In the event of a successful candidate not having completed attendance on the Arts classes necessary to qualify for the Degree of M.A., he shall be at liberty, without forfeiting his right to the Bursary, to continue his studies in Arts for two years, in order that he may complete his qualifications for graduation ; but no part of the Bursary shall become payable until he has selected and entered upon a course of study in one of the three Faculties above mentioned, viz. :—Divinity, Law, or Medicine, or in the Department of Engineering Science. While the Bursary is tenable for two years of such course, the Bursar must continue his attendance on classes beyond the two years, if this be necessary for graduation or for receiving the Certificate of Proficiency in Engineering Science. The Bursar shall not receive payment of any half-yearly Burse without such evidence as the Senate may require that he is faithfully pursuing the selected course, and shall not receive payment of the fourth half-yearly Burse until he has graduated or received the Certificate of Proficiency in Engineering. Unless a candidate comes up to at least the standard of Second Class Honours, the Senate shall not be bound to award the Bursary. There is a preference, *cæteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk, or the province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the founder.

Candidates for the Bursary to be competed for in 1898 will be examined in Classics, along with the examinations on these subjects for the Degree of M.A. with Honours. Names to be given in to the Assistant Clerk (Matriculation Office) not later than 21st September.

Bursar—James E. Henderson (Mathematics and Natural Philosophy), 1897.

FORFAR BURSARIES (*Arts*).—Founded by the Countess of Forfar in 1737. The foundation was remodelled by the Universities Commission (1858), by Ordinance of 31st May, 1862, and further regulated by Ordinance No. 79 of the Universities Commission (1889) of date 15th February, 1895. There are now five Forfar Bursaries in the gift of the Senate: the holder of each to receive £36, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 of the Universities Commission (1889) apply to the Forfar Bursaries.

Bursars—[1] Robert M'Ewan, 1894; John Copeland, 1895; Alexander Sellar, 1895; James A. Milligan, 1896; George H. Stevenson, 1897.

FORREST BURSARIES (*Any Faculty*).—Founded by Mr. William Forrest of Easter Meadowhead, Drumgelloch, and Meadowside, by Deed of Mortification of date 6th March, 1858. The Trust was reconstituted in 1886, under a Scheme of the Educational Endowments Commission. The Bursaries are five in number, each of the annual value of £22, and tenable at the University of Glasgow for such number of years, not exceeding five, as the Governors may determine. The Bursaries are awarded by competitive examination among young men who require aid in obtaining a University education, and who have been pupils in public or State-aided schools within the parishes of New Monkland, Slamannan, and Shotts, or who are natives of said parishes. Two new appointments may be made at the beginning of session 1898-99. Bursars cannot hold another Bursary, must prosecute a course for some degree, and attend at least two classes each session.

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[1] Vacant through lapse of time.

Governors—The Provost of Airdrie, the ministers of the parishes of New Monkland, Airdrie, and Clarkston, one representative from each of the School Boards of Airdrie and Clarkston, and one from the School Boards of Slamannan and Shotts alternately, and one appointed by the Sheriff of Lanarkshire. Secretary, Mr. G. B. Motherwell, Town Clerk, Airdrie.

Bursars—Robert W. Bell, 1895; Alexander Strang, 1895; John Gray, 1896; John M. Pryde, 1896; James Waddell, 1896.

FOUNDATION BURSARIES (*Arts*).—These Bursaries were founded by James VI., in 1577, for students in Languages and Philosophy, and were originally four in number. By ordinance of the Universities Commission (1858) of date 7th June, 1862, these Bursaries were remodelled, and were further regulated by Ordinance No. 84 of the Universities Commission (1889) of date 15th February, 1895. Under the new scheme there are two Foundation Bursaries, the holder of each to receive £20 per annum. They are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. The class attendance of the Foundation bursars is regulated by Ordinance No. 57, Sec. III. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science.

Bursars—Alexander D. Morton, 1896; John D. M'Callum, 1897.

FULLARTON OF OVERTON BURSARIES (*Arts*).—By Deed of Mortification and Constitution dated 22nd December, 1877, the Executors of the late John Fullarton, Esq., of Overton, West Kilbride, Ayrshire, in pursuance of his Trust Disposition and Settlement and Codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10, but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers, or shopkeepers, or others who may be struggling to secure their better education, and are by themselves, or with such assistance as they may be able to get from their parents or relations, unable to provide for the expenses of a University education. The Bursaries are awarded by competitive examination in Latin, Elementary Mathematics, and English; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended, the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. Any accumulations through vacancies are added to the capital sum. Candidates are required to produce evidence of age.

Bursars—[1] James Strathern, 1896; [1] Joseph F. M'Millan, 1896; William M. Tait, 1897; John Mitchell, 1897; Thomas M. Blackwood, 1897.

Gartmore Bursary (*Arts*).—In accordance with the directions of the Founder of the Gartmore Medal (see p. 323), the Universities Commission (1889), by Ordinance No. 98, founded this Bursary, a sufficient capital having accumulated from the surpluses of the Foundation. It is open by competition to all students entering on their first year of attendance on a course for graduation in Arts, and is tenable for three years. Value, £21 per annum. In other respects the provisions of Ordinance No. 57 apply to the Gartmore Bursary.

Bursar—[1] William H. Love, 1895.

General Council Bursaries (*Arts*).—Under a scheme originated by Mr. David Hannay, Clerk to the General Council, a sum of about £500 (Fund No. I.) was raised by subscription among the members of Council for the foundation of Bursaries to be held for three years, and open to competition to first and second year's students in Arts. This fund has now been exhausted. In addition, a sum of £2,382 2s. (Fund No. II.) was raised to form the nucleus of a permanent General Council Bursaries Fund, and invested in the names of Trustees. Of this sum £1,000 is due to the liberality of the late Rev. Wm. Park, D.D., minister of Airth, to be applied in memory of his brother, the Rev. John Park, D.D., minister of Cadder. With Dr. Park's consent, the income of this sum was appropriated to two General Council Park Bursaries of £20 a-year, open to students of either sex who, having passed the Preliminary Examination in Arts, are about to commence their second year of actual attendance at the University. The General Council Park Bursaries are tenable for two years. The remainder of the free income of the fund is devoted to providing bursaries, called the General Council Bursaries, of such number and of such amount as may from time to time be determined by the Trustees. The General Council Bursaries are open to students of either sex on their first entering the University, and are tenable for three years. No candidate shall obtain a General Council Bursary who shall not have passed the Preliminary Examination in Arts, but it is in the power of the Trustees to admit to a General Council Bursary, a candidate who has passed in at least three subjects of the Preliminary Examination on condition that the bursary shall not be retained unless the bursar passes in all the subjects not later than the second Preliminary Examination held after the time of admission.

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[1] Vacant through lapse of time.

Bursars—[1] Andrew J. C. Kerr, 1895; [1] James W. M'Cutcheon, 1896 (Park); Walter G. Macdonald, 1897; Andrew Shanks, 1897 (Park).

JOHN GIBSON BURSARIES (*Any Faculty*).—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson of Oakbank and Johnstone, merchant in Glasgow. The Bursaries, which may be given to one student, or at most two, consist of the annual proceeds of £1,000. The administration is vested in trustees, who have great discretionary powers as to the conditions on which the Bursaries may be held. Their subsisting resolution is to award the Bursary to a Medical student entering on the third year of his course, and that it be retainable for three years. When a vacancy occurs applications are to be made in September to James Graham, LL.D., writer, 198 West George Street, Glasgow, who will furnish forms of application.

Bursar—[1] **Arthur James Ballantyne, 1895.**

DR. THOMAS GIBSON (ROTHESAY) BURSARY (*Medicine*).—Founded in 1893 in terms of the Trust Disposition and Settlement of Misses Christian and Janet Gibson, who bequeathed £1,000, free of legacy duty for that purpose, in memory of their brother. The Bursary is tenable by Medical students attending the University of Glasgow and preparing for service as Medical missionaries in connection with the Church of Scotland, a preference being given, *cæteris paribus*, to students of the name of Gibson.

GILCHRIST BURSARY.—See Howison and Gilchrist, p. 260.

GILHAGIE AND STRUTHERS BURSARY (*Theology*).—The Gilhagie Bursary was founded in 1753 by Agnes Gilhagie, widow of William Somerville, merchant in Glasgow, for a student in Divinity. It was tenable for four years, the annual value being £6 6s. In 1624 the

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[1] Vacant through lapse of time.

Rev. William Struthers founded two Bursaries, each of the annual value of £6 13s. 4d., for students of Divinity. By Ordinance of the Universities Commission (1858) the two Struthers Bursaries were conjoined into one, tenable for three years, the holder to be M.A., and a student of Divinity. All other restrictions were abolished. By Ordinance No. 82 the Universities Commission (1889) combined the Gilhagie Bursary and the Struthers Bursary into one, called the Gilhagie and Struthers Bursary. The patrons of the joint-bursary are the Magistrates, Town Council, and Ministers of Glasgow, who may present any person without preference as to name, provided that he be a Master of Arts of a Scottish University. The Bursary is tenable for three years, and no longer, subject to the condition that the bursar shall during that period give regular attendance as a student of Theology in the University of Glasgow. When a vacancy occurs, applications are to be lodged with the Town Clerk, City Chambers, not later than 1st September.

Bursar—[1] John Paterson, M.A., 1895.

GLASGOW CITY EDUCATIONAL ENDOWMENTS BURSARIES (*Arts, etc.*).—Under scheme 10, section 31, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 19th May, 1885, the Governors of the Glasgow City Endowments Board are instructed to apply the annual sum of £500 in establishing Bursaries at the University of Glasgow. Each Bursary is of the yearly value of £25. One half of these Bursaries are to be awarded among the Queen's Scholars at Training Colleges who have attended two years at the University of Glasgow, on the report of the Board of Examiners appointed by the Scotch Education Department. Every Queen's Scholar obtaining such Bursary shall be taken bound to complete his curriculum for a degree in Arts or Science during the time he holds the Bursary, and thereafter to submit himself for examination for such degree. The other half of the Bursaries are to be awarded by competitive examination among those who have attended public or State-aided schools in Glasgow, and who require aid in obtaining a University education. They are tenable for four years. Forms of application may be had from the Secretary of the Board—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary at the general competition. In 1898 five Queen's Scholars and two other Bursars will be appointed.

Bursars—[1] Archibald Main, 1894; [1] Ritchie Girvan, 1894; Mathew

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[1] Vacant through lapse of time.

Geddes, 1895; James C. Pairman, 1895; David W. B. F. Campbell, 1895; Alexander Strachan, 1896; Robert Milne, 1896; May S. M'Clure, 1897; Andrew M. Kerr, 1897; William Runciman, 1897.

Queen's Scholars—[1] William A. Edward, 1896; [1] Andrew J. C. Kerr, 1896; [1] William H. S. Farquharson, 1896; [1] Thomas E. Morton, 1896; [1] Francis Vernal, 1896; Andrew M'Kerral, 1897; Francis W. Milne, 1897; William Stratton, 1897; William Macnab, 1897; William E. Busby, 1897.

GEORGE GRANT BURSARY (*Arts*).—Founded in 1885 by Miss Susan Smith Grant of West Thorn, Lauder Road, Edinburgh, in memory of her father, George Grant, Esq., cotton spinner, Mile-End, Glasgow. Miss Grant assigned and conveyed to the Senate the sum of £1,200 in trust, to be applied in all time coming for providing one Bursary in connection with the Faculty of Arts. Miss Grant retains the right of nomination to the Bursary during her lifetime, but has provided that in the event of her failing or declining to nominate, and in all cases after her death, the Bursar shall be determined by competitive examination of first year students who are entering on a three or four years' course of study, and the Bursary shall be tenable for three or four years accordingly. On the Bursary falling vacant otherwise than by lapse of time, an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar is required to graduate in Arts, and before payment of the second moiety of the last year's Bursary he must produce evidence that he has taken his degree, or that he has passed all the examinations necessary for graduation. Any accumulations from vacancies or otherwise are to be added to the capital sum.

Bursar—George Jeffrey, 1895.

GEORGE GRANT, JUNIOR, BURSARY (*Arts*).—Founded in 1885 by Mrs. Agnes Grant or Mair, wife of the Rev. John Mair, D.D., minister of the parish of South Dean, Roxburghshire, in memory of her brother, the late George Grant, junior, cotton manufacturer, Mile-End, Glasgow. Mrs. Mair, with the advice and consent of her husband as her curator and administrator-in-law, and for his interest in the premises, assigned and disponed to the Senate the sum of £1,200 in trust, to be applied by them in all time coming for providing one Bursary in connection with the Faculty of Arts. Mrs. Mair reserves to herself during her lifetime, and thereafter to her husband, should he survive her, the right to nominate to the Bursary, and to fix the classes to be attended by the Bursar and the period of his tenure. After the death of the survivor the period of tenure of the Bursary is to be four years, and the Bursar is to be selected by competitive examination of first year's students. In the event of a vacancy occurring otherwise than by lapse of time an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar shall require to graduate in Arts, and before payment of the second moiety of the last year's Bursary shall produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. Any accumulations through vacancies or otherwise are to be added to the capital sum.

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[1] Vacant through lapse of time.

Bursar—Daisy Annabella Bennett, 1894.

HAMILTON BURSARIES (*Three in Arts, and Three in Theology*).—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. They were regulated by Act of Parliament, 1758, and further regulated by Ordinance No. 96 of the Universities Commission (1889). There are three Hamilton Bursaries in the Faculty of Arts, and three in the Faculty of Divinity, and each of them is tenable for three years, and no longer. The bursars in the Faculty of Arts shall attend such classes qualifying for graduation in Arts, and in such order as may be approved by the Senate. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. The bursars in Arts receive £20, those in Divinity £25 per annum each, should the state of the funds permit. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September. (One vacancy in Arts and one in Theology.)

Bursar in Arts—Alexander Williamson, 1897.
Bursar in Theology—Neil M'Coll, 1897.

HAMILTON EDUCATIONAL TRUST BURSARIES (*Arts*).—Under scheme 39, section 28, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 13th May, 1887, the Governors of Hamilton Educational Trust are instructed to apply a sum, not less than £50 yearly, in providing University or Technical College Bursaries. These Bursaries, each of the yearly value of £15, and tenable for three years, are open to be competed for by pupils attending public or State-aided schools in the burgh and parish of Hamilton, who require aid in obtaining a University or higher education. Applications to be lodged with Patrick Keith, Esq., Hamilton, Clerk of the Trust, on or before the first day of September. There is one vacancy to which probably an appointment will be made in November, 1898.

Bursars—Robert J. Hamilton, 1896; Thomas Graham, 1897.

HANNAY BURSARIES (*Arts*).—Three in number, founded in 1865 by the late Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men, not under fourteen and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The principal qualifications of those to be selected are good moral character, promising talent, a fair preliminary education, and a want or deficiency in the necessary pecuniary means for pursuing a University education. Candidates for these Bursaries are required to submit themselves to the annual Bursary Examination at the commencement of the Winter Session of the University of Glasgow, or such other examination as the trustees may appoint; but the result of said examination shall only be taken as one of the tests in judging of the merits of the applicants. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow, and the President of the Faculty of Physicians and Surgeons in Glasgow. Applications to be made to Mr. Robert Brodie, 77 St. Vincent Street, and also to the Assistant Clerk (Matriculation Office) not later than 1st September.

Bursars—[1] John Hanson, 1895; George D. Turner, 1896; Thomas Low, 1897.

HASTIE BURSARIES (*One in Arts and Two in Theology*).—The Rev. Mr. Hastie, by Deed of Mortification dated 5th September, 1707, founded a Bursary for a student in this University, which was first awarded in 1718. By an addition afterwards made to the foundation, the number of Bursaries was increased to three, two in Divinity and one in Philosophy.

The Universities Commission (1858), in an Ordinance of date 31st May, 1862, made regulations for these Bursaries, and further regulations have been made by the Commissioners (1889) in Ordinance No. 90. There are now three Bursaries on this Foundation, each £25 in value—one in Arts and two in Theology. The Bursary in Arts is open by competition to all students entering on their first session of attendance in the Faculty of Arts, and is tenable for four years, but if a student graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first session of attendance in the Faculty of Divinity. They are tenable for three years, and no longer. In other respects the provisions of

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[1] Vacant through lapse of time.

Ordinance No. 57 of the Universities Commission (1889) apply to all the Hastie Bursaries.

Bursar in Arts—[1] William E. Busby (1894), 1896.

Bursars in Theology—[1] Munro Somerville, 1895 ; Robert Aitken, 1897.

GLASGOW HIGHLAND SOCIETY'S BURSARIES (*Fifteen in Arts and Five in Medicine*).—In 1892 the Managers of the Glasgow Highland Society framed a scheme of Scholarships and Bursaries for students of Highland descent. The scheme includes Scholarships tenable at Secondary or Technical Schools, and Bursaries tenable at the Glasgow and West of Scotland Technical College and at the University. The University Bursaries in Arts are fifteen in number, each of the annual value of £20, and tenable for four years in the Faculty of Arts, but the continuance of a Bursary in the second and subsequent years is dependent on the character of the certificates obtained by a Bursar in his classes in the previous year. They are awarded by competition among students of the first year. The Bursaries in Medicine, each of the annual value of £25, are tenable for four years in the University, or any other College approved by the managers. Candidates must pass the preliminary examination of the College at which they desire to attend, and the managers reserve to themselves the right to appoint the most suitable. In 1898 there will probably be two Bursaries in Arts and two in Medicine open to competition. Secretary, R. Hope Robertson, Esq., 58 St. Vincent Street.

Bursars in Arts—[1] Charles Matheson, 1894 ; [1] Walter Shaw, 1894 ; Alexander B. Mackay, 1895 ; Alexander Matheson, 1896 ; Andrew Campbell, 1896 ; W. S. Sutherland, 1896 ; William Robertson, 1896 ; David James M'Leish, 1897 ; Peter J. M'Iver, 1897 ; Hector M'Lean, 1897 ; George A. M'Gregor, 1897 ; Malcolm MacAlister, 1897.

Bursars in Medicine—[1] Charles M'Lean, 1894 ; [1] John M'Millan, 1894 ; Donald Douglas, 1895 ; John Stewart, M.A., 1896 ; Alexander Maclean, 1896 ; Ivy M'Kenzie, M.A., 1897 ; William F. Kay, 1897.

HOWISON AND GILCHRIST BURSARY (*Arts*).—In 1613 the Rev. John Howison, Minister of Cambuslang, founded a Bursary for a qualified scholar of honest name and good report, son of a craftsman of Glasgow. Failing the son of a craftsman of Glasgow, any other qualified scholar might be selected by the Patrons. Mr. John Gilchrist, tailor in Glasgow, founded in 1700 a Bursary in Philosophy for a student, being the son of a tradesman freeman in the burgh of Glasgow, with a preference to the names Gilchrist, Bryce, and Boyd.

By Ordinance No. 89 the Universities Commission (1889) combined these two Bursaries into one, called the Howison and Gilchrist Bursary. The Patrons are the Trades' House of Glasgow, and any person may be presented without restriction as to birth or preference as to name. The Bursary is tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary. Value £17 per annum.

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[1] Vacant through lapse of time.

Bursar—David S. Brunton, 1896.

HUTCHESONS' EDUCATIONAL TRUST BURSARIES.—Under Scheme 9, Section 40, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 5th March, 1885, the Governors of Hutchesons' Educational Trust are instructed to apply an annual sum of not less than £400 in establishing University or Technical College Bursaries. These Bursaries, each of the yearly value of £20, and tenable for four years, are open to be competed for by boys who have attended Hutchesons' Grammar School for at least two years immediately preceding the competition, and completed the curriculum in the Secondary Department. Forms of application may be had from the Secretary of the Trust—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the first day of September in each year. The names of candidates who are found to possess the prescribed qualification will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in the order of merit who fail to win a Bursary at the general competition. In 1898 five Bursars will be appointed.

Bursars—[1] William Marshall, 1894; [1] William G. Burn, 1894; [1] James H. Macdonald, 1894; [1] Roderick G. Macdonald, 1894; [1] Matthew Hunter, 1894; George Arthur, 1895; William L. Thompson, 1895; Jacob Mains, 1895; Archibald S. Wilson, 1895; Hugh P. Wright, 1895; Hugh Kirkhope, 1896; John Paton, 1896; Douglas W. Hunter, 1896; Robert D. Campbell, 1896; Jas. A. R. Henderson, 1896; Robert S. Dewar, 1897; James B. Galbraith, 1897; Robert W. Barr, 1897; John Nicolson, 1897.

THOMAS HUTCHESON BURSARY (*Theology, Law, or Medicine*).—This Bursary, formerly known as the Old Library Bursary, was founded by Mr. Thomas Hutcheson of Lambhill in 1641. Preference was given to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow. Ordinance No. 83 of the Universities

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[1] Vacant through lapse of time.

Commission (1889) prescribes that the Bursary shall be called the Thomas Hutcheson Bursary, and that it shall be lawful for the Patrons to appoint to it, without preference as to name or birth, any Master of Arts who is entering on his course of study in any one of the Faculties of Divinity, Law, or Medicine. The Bursary is tenable for four years, but if a bursar in Divinity graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Value £11 2s. 2¾d. per annum. When a vacancy occurs, applications are to be lodged with the Town Clerk, City Chambers, not later than 1st September.

Bursar—Alexander S. Wells, M.A., 1895.

HYNDFORD AND ROSS BURSARY (*Arts*).—In 1617 Mr. Michael Wilson founded a Bursary, called the Hyndford Bursary, for a student in Philosophy. The right of presentation belonged to the representative of Sir James Carmichael, viz., Sir W. C. Anstruther, Bart. In 1659 Captain William Ross of Rosseyle founded the Ross Bursary for a student in Languages and Philosophy. The appointment was vested in the Earl of Glasgow. By Ordinance No. 95 of the Universities Commission (1889), these two Bursaries were combined into one, to be called the Hyndford and Ross Bursary. It is tenable for four years, but if the bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The patronage of the Bursary is vested in Sir W. C. Anstruther, Bart., and his heirs, and the Earl of Glasgow and his heirs, who exercise their right of presentation by turns, beginning with the former. In other respects the provisions of Ordinance No. 57 apply to the Bursary. Value £10 16s. 8d.

Bursar—Wylie R. M'Intyre, 1897.

JOHN FERGUSON JAFFREY BURSARY IN MENTAL PHILOSOPHY (*Arts*).—This Bursary, founded in 1877, is of the annual value of £34, and shall be awarded to a student on entering the third session of his attendance, *i.e.* a student who has attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who having passed the Preliminary Examination in Humanity and Greek, has attended for one session the higher classes in those subjects, and who proposes to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The examiners are the Professors of English Literature, Logic, and Moral Philosophy.

The Bursary shall, as a rule, be tenable for two years, but on condition that the Bursar, during the two years of his tenure, shall complete his attendance on the classes of Logic, Moral Philosophy, and English Literature, and shall also attend one at least of the advanced classes taught by the Professors of Logic and Moral Philosophy, and shall pass the examinations in Logic, Moral Philosophy, and English Literature for graduation in Arts. The subjects of examination are—1. *Logic*: (*a*) Descartes, *Meditations*, (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the pre-Socratic period; 2. *English Literature*: (*a*) Shakespeare, *As You Like It*; (*b*) Tennyson, *Idylls of the King*. Candidates are not expected to deal with questions of textual criticism on either of the works in English Literature.

Bursar—Alexander B. Mackay, 1897.

MALCOLM KERR BURSARIES (*Science, etc.*).—Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, stationer in Glasgow. One of the Bursaries is in Natural Philosophy, the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A., with Second Class Honours; and in Chemistry, the same as those for the Final Science Examination for B.Sc. Present value, £19 to each Bursar. The next appointment in Chemistry will be made in 1899.

Bursar in Chemistry—Charles E. C. Stanford, B.Sc., 1896.

Bursar in Natural Philosophy—Alexander A. Gardner, 1897.

THE KINTYRE (KER) BURSARY (*Any Faculty*).—This Bursary, founded in 1862 by Robert Ker, Esq., of Auchinraith, merchant in Glasgow, originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

The Office-bearers of the Kintyre Club were appointed Patrons. By the Deed of Mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Applicants must be connected with Kintyre, and be entering the

University for the first time. When a vacancy occurs application should be lodged with the Honorary Secretary of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow, on or before 10th June.

Bursar—Malcolm K. Turner, 1897.

The Kintyre (Alexander Love) Bursary (*Any Faculty*).—This Bursary was founded in 1890 by the family of the late Alexander Love of Campbeltown. It consists of the free proceeds of a sum of £300 sterling—about £11—and is administered by the Office-bearers of the Kintyre Club. The Bursar must be a native or the son of a native of Kintyre, or actually resident there, and entering upon his first session at the University. His circumstances must be such as to render aid important. The period of tenure is not to exceed four years. When a vacancy occurs application should be made to the Hon. Sec. of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow.

Bursar—William Robertson, 1895.

Laing Bursary or Bursaries (*Arts*).—The late Alexander Laing, LL.D., some time Professor of Mathematics in Anderson's College, Glasgow, who died in 1882, bequeathed to trustees the sum of £500 to found one or two Bursaries in the Faculty of Arts. The trustees by a deed dated 26th July, 1883, conveyed to the Senate the sum of £500 of the preference 4 per cent. stock of the Glasgow and South-Western Railway Company, under certain conditions and regulations. The foundation is for providing, in the option of the Senate, one Bursary of £20, or two of £10 each. The Bursary is open to competition to all students entering on their first session in the Faculty of Arts (a preference being given, *cæteris paribus*, to natives of Brechin). The period of tenure is three years. Should the Bursary become vacant otherwise than by lapse of time, the income of the fund during the vacancy is to be added to capital.

Bursar—Alexander Montgomerie, 1896.

James Laing Bursaries (*Arts*).—Founded in 1892, under the Trust Disposition and Settlement of Mr. James Laing, Writer, Denny. So far as the funds admit, the Trustee appoints annually to two Bursaries, each of the annual value of £25, and tenable for four years. They are open to candidates (male and female) who have been educated for at least three years in any school or schools in the County (including the Burgh) of Stirling, and who are entering upon their first or second year of study in the University of Glasgow. Applications with certificates of qualification and good conduct from the teacher or teachers under whom candidates have been educated, should be lodged with Mr. William Jenkins, Writer, Denny, not later than 1st September. The names of candidates who are found qualified will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries. Failing candidates qualified as above, the Bursaries are open to competition to students of the first or second year from any part of Scotland. (Two vacancies.)

Bursars—James R. Archibald, 1895; Michael Gavin, 1895; John L. Stewart, 1896; Arthur S. Hutchison, 1896; Charles M. Drew, 1897; Charles A. Young, 1897.

LAMB BURSARY (*Arts or Theology*).—Founded in 1863 by the late Rev. Dr. William Lamb, minister of Carmichael, and appropriated to a student in Arts or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael. The preference to applicants in the parish of Carmichael or Pettinain, and the restriction to applicants from the Presbytery of Lanark, were cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, about £12 per annum.

Bursar—William R. Merry, 1897.

LEADBETTER BURSARY (*Arts*).—This Bursary was founded in 1855 by Mr. John Leadbetter, merchant, Glasgow. It was made tenable for four years, and the classes to be attended by the Bursar in each of the four years were prescribed. A preference was given to boys who had attended the five years' Classical Course of the High School of Glasgow. Patrons—The Lord Provost and Magistrates. Ordinance No. 88 of the Universities Commission (1889) empowers the Patrons to present to the Bursary any person who has completed the five years' Classical course of the High School of Glasgow, whom failing, any person, without restriction as to parentage, who has received a similar classical education elsewhere. The Bursar must attend the Latin and Greek classes in the University during at least one year, and thereafter continue a course of study in the University necessary for the Degree of Master of Arts. The Bursary is tenable for four years, but if the holder graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary. When a vacancy occurs, applications are to be lodged with the Town Clerk, City Chambers, not later than 1st September.

Bursar—[1] John Ferguson, 1895.

ARCHBISHOP LEIGHTON BURSARY (*Arts and Theology alternately*).—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries, which were tenable for four years in Philosophy, and two or three years in Divinity. By Ordinance No. 86 of the Universities Commissioners (1889), the two Bursaries were combined into one of the annual value of £18, to be called the Archbishop Leighton Bursary. An appointment is made of a Bursar in the Faculty of Arts, and at the end of his period of tenure an appointment in the Faculty of Divinity, and so on alternately, the period of tenure in each case being three years, and a person who has held the Bursary in Arts being eligible for appointment also in Divinity. The appointment in 1898 will be in Divinity. The provisions of Ordinance No. 57 apply to this Bursary. When a vacancy occurs, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar. Applications must be lodged with the Town Clerk, City Chambers, on or before 1st September.

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[1] Vacant—Bursar appointed to a more valuable bursary.

Bursar—[1] William Stratton (Arts), 1895.

JOHN LEYDEN BURSARY (*Arts*).—Founded in 1879 by the Glasgow Border Counties Association in memory of John Leyden, poet and scholar. The Fund consists of the sum of £429 3s. 8d. raised by subscription. The Bursary is open to free competition under the same regulations as the competition Bursaries in the University. Tenable for three years. The holder to pass through the Arts course, and at the termination thereof to take the Degree of M.A.

Bursar—James Scrymgeour, 1896.

JAMES LOCHHEAD BURSARY (*Arts*).—Founded in 1886 in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £500 for that purpose, in memory of her brother, who died in Ohio. A preference is given to students of the name of Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. The Bursary is tenable for three years in the Faculty of Arts.

Bursar—Thomas R. M'Murtrie, 1897.

LOCHHEAD AND MITCHELL BURSARIES (*Arts*).—Two in number and of equal value, founded in 1886, in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £2,000 (free of legacy duty) for that purpose. A preference is given to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. They are tenable for four years in the Faculty of Arts.

Bursars—James A. Mitchell, 1895; Norman R. Mitchell, 1896.

LOGAN BURSARIES (*One in Theology and One in Medicine*).—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, tinsmith in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. The preference to the names Logan and Johnstone was cancelled by Ordinance No. 57 of the Universities Commission (1889). The value of each is £16 per annum. Appointment by the Senate.

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[1] Vacant through lapse of time.

Bursar in Theology—James M'David, 1896.

Bursar in Medicine—John Ferguson, 1897.

LORIMER BURSARIES (*Four in Theology, Four in Medicine, and Eight in Arts*).—By Trust Disposition and Settlement of date 17th October, 1872, the late Mr. John Lorimer, merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, amounting to the sum of £8,594 5s. 5½d., the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects:—1, Theology; 2, Medicine; 3, Philosophy; 4, Mathematics; and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects.

The following regulations have been adopted by the Senate:—

1. The Bursaries shall be sixteen in number—namely, eight of the annual value of £25, and eight of the annual value of £19, and shall be tenable for three years.

2. Four Bursaries—viz., two at £25, and two at £19 shall be held by Students of Theology, and shall be open to competition to students entering the Divinity Hall. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the degree of B.D.

3. Four Bursaries—viz., two at £25, and two at £19, shall be held by Students of Medicine, and shall be open to competition to students who have attended the first session of their professional study in the University of Glasgow. The subjects of examination, which shall be prescribed by the Medical Faculty, are Elementary Anatomy, Elementary Chemistry, and Botany. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed his Third Professional Examination for the degree of M.B.

4. Four Bursaries—viz., two at £25, and two at £19, shall be open for competition to students who, having passed their whole Preliminary Examination, are entering on their second session of attendance, and who propose to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates shall be examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners shall be the

Professors of English Literature, Logic, and Moral Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment, he must enter one or more of the classes of English Literature, Logic, and Moral Philosophy, and in the course of his tenure of his Bursary must attend, besides the above classes, one or more of the Honours classes in English Literature, Logic, or Moral Philosophy. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed examinations in Logic, Moral Philosophy, and English for graduation in Arts.

5. Four Bursaries—viz., two at £25, and two at £19, shall be open for competition to students who, having passed the whole Preliminary Examination, are entering on their second session of attendance. Candidates shall be examined in such subjects in Mathematics as may be fixed by the Senate. The Examiners shall be the Professors of Mathematics and Natural Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment he must enter the class of Mathematics, and prosecute the course of study required for passing the Honours examinations in Mathematics and Natural Philosophy for a Degree in Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in Mathematics and Natural Philosophy for graduation in Arts or the First Science Examination in these subjects for graduation in Science.

In session 1898-99 four of the above £25 Bursaries will be open to competition—viz., one in Theology, one in Medicine, one in Philosophy, and one in Mathematics. The Bursary in Theology will be decided by the results in the general competition for Bursaries in Theology. The competition for the Bursary in Medicine will be held along with the examinations for the Rainy Bursary. For the Bursary in Philosophy the subjects of examination will be those prescribed for the John Ferguson Jaffrey Bursary (see p. 262), and the examination will take place along with the Autumn examinations for M.A. in English and Logic. The examination for the Bursary in Mathematics will take place along with the Arts and Science Preliminary Examination in Mathematics, but may embrace higher papers.

Bursars in Theology—[1] David Preston, M.A., 1896; Archibald Anderson, M.A., 1896; Neil Mackinnon, 1897.

Bursars in Medicine—James D. Lickley, 1896; Allan Martin, M.A., 1896; William A. Milne, 1897.

Bursars in Arts—[2] William J. Saull (Phil.), (1895) 1897; [2] Peter Lowe (Math.), 1895; Matthew Babington (Phil.), 1896; William

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[1] Vacant—Bursar appointed to a more valuable Bursary.

[2] Vacant through lapse of time.

Dick (Phil.), 1896; Thomas Pullar (Math.), 1896; David K. Picken (Math.), 1896; Arthur P. S. Tulloch (Phil.), 1897; Roderick M. Nicol (Math.), 1897.

LUMSDEN BURSARY (*Theology*).—This Bursary was founded in 1850, by Mr. James Lumsden, stationer, Glasgow. Value, £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. The Patrons, viz., the Principal, the Professors of Divinity, Hebrew, and Church History, and the President of the Stationers' Company—have resolved that when no candidate with a preferential claim applies for the Bursary it shall be awarded in accordance with the results of the competition for Bursaries in Theology. (Vacant.)

LUSK BURSARY (*Arts*).—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for "a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland," "and who may, on public examination or competition, be found to be best qualified and most deserving." The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year. Value, £30 per annum.

Bursar—George Muir, 1897.

MACARTHUR BURSARY (*Medicine*).—Founded in 1881 by Miss Jean Macarthur, in memory of her uncle, John Macarthur, Doctor of Medicine in Glasgow. The Bursary consists of the annual proceeds of £500. The administration is vested in a Committee appointed annually by the Faculty of Physicians and Surgeons of Glasgow. The Bursary must be held by a student prosecuting the study of Medicine in the University of Glasgow. Under the rules laid down by the Committee, applicants must have completed three winter sessions of medical study, and not have entered on the fourth winter session. Preference will be given to applicants who have taken one or more First Class Certificates in the Medical Classes. The Bursary is tenable for two years.

Application to be made prior to 15th April to Alexander Duncan, LL.D., Faculty Hall, 242 St. Vincent Street, Glasgow, who will furnish forms of application.

Bursar—James Millar, M.A., 1897.

M'CRIE BURSARIES (*Arts*).—These Bursaries were founded by the Rev. James M'Crie, D.D., of Dangart, Senior Minister of the U.P.

Congregation of Old Meldrum, in the County of Aberdeen. They are of the annual value of £25, tenable for four years, provided the holder passes a prescribed examination at the commencement of each session and complies with the other conditions mentioned in the Deed of Foundation. The Bursary fund consists of certain lands in the parish of Colmonell and other heritable and movable property mortified for the purpose and vested in the Magistrates and Town Council of Ayr. The candidates must have been born in the parishes of Ballantrae, Colmonell, Barr, Girvan, Ayr, Old Meldrum, Tarves, Daviot or Bourtie, or in the City of Aberdeen, or in the Town of Ayr. The students must also be the sons either of mechanics, or of cottars, or of farmers not paying more than £100 of yearly rent, or of ministers not having more than £130 of yearly income, without respect to religious sect or denomination. Candidates of the names of M'Crie, Forsyth, M'Cracken, or Spark, are to have a preference if otherwise deserving. The Bursaries may be held along with other Bursaries. One of the Bursaries on this foundation will be competed for in October next, and the examination will be held in Ayr. Candidates will be examined on the following subjects :—Classics : Latin, Greek. Mathematics : Arithmetic, Algebra, up to and including simple equations, Euclid, Books I. to III. English : Composition, Geography, and History of Scotland. Candidates must send their names and addresses to A. G. Young, Esq., Town Clerk, Ayr, not later than 1st October, 1898.

Bursars—Alexander D. Thomson, 1896 ; Martin Phillips, 1897 ; Robert Alexander, 1897.

JAMES MELVILLE M'CULLOCH BURSARY (*Arts*).—Founded in 1885 in memory of the late Rev. James Melville M'Culloch, D.D., minister of the West Parish, Greenock. It consists of the free annual income of about £400. It is open to competition to students of the first year in the Faculty of Arts, who shall have been educated for not less than three years at any school or schools in Greenock. Tenable for four years, the Bursar attending the qualifying course for the Degree in Arts. The second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations required for the Degree of Master of Arts. In the event of a vacancy occurring otherwise than by lapse of time, the Senate may appoint a student of the same standing qualified in like manner, or may arrange a new competition.

Bursar—[1] John C. Russell, 1895.

MACDONALD BURSARIES (*Arts, Law, or Medicine*).—Two in number, founded in 1882, in terms of the Trust Disposition and Settlement of Mr. Alexander Macdonald, M.P., who bequeathed to the University £1,000 for the purpose of assisting students in a course of purely secular education. The Bursaries are equal in value and tenable for four years in Arts, Law, or Medicine. Only miners under the age of twenty-one years, who have worked underground in any part of the United Kingdom, are eligible as candidates. The Bursaries are awarded in accordance with the results of an examination in general knowledge, particularly in writing, arithmetic, geography, grammar, and history.

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[1] Vacant through resignation of Bursar.

Bursars—Andrew R. Reid, 1896; William Robertson, 1896.

JOHN AND ISABELLA MACDOUGALL BURSARIES (*Arts*).—Founded in 1884, under the Trust Disposition and Deed of Settlement of Miss Isabella Macdougall, Perth. Miss Macdougall directed her Trustees to devote the residue of her means and estate to the foundation and endowment of one or more Bursaries, payable to students born in the county or city of Perth, attending the classes in the Faculty of Arts, in the Universities of Edinburgh, Glasgow, and St. Andrews. The Bursaries are of the annual value of about £33, and are tenable for a period not exceeding three years. The Trustees are the Patrons. The candidates, who may be of any religious denomination, must undergo an examination by examiners appointed by the trustees. The Bursaries are open to students who are either (1) about to enter on their first session, and who shall pass the Preliminary Examination in Arts, or (2) who have already attended the junior classes for one session. A vacancy occurring otherwise than by lapse of time may be filled up by the appointment, after examination, of a student of equal standing with the retiring Bursar. It is not competent for any person to hold any of these Bursaries along with any other Bursary or appointment yielding to him an annual income of fifty pounds or upwards. The Trustees are the following ministers in Perth, viz.:—The Rev. Wm. G. H. Carmichael, East Church Parish; the Rev. Archd. Fleming, St. Paul's Church Parish; the Rev. Peter R. Landreth, West Church Parish; the Rev. William Main, Middle Church Parish; and their successors in office for the time being, and Mr. Wm. Cochrane Young, solicitor in Perth. Candidates are requested to send in their names and addresses to Mr. Young, 9 St. John Street, Perth, on or before 1st September. (One vacancy.)

Bursars—John Gilmour, 1896; Alexander M'Leish, 1896; Thomas Alexander, 1897.

MALCOLM M'EWEN BURSARY (*Arts or Science*).—Mr. William M'Ewen, tobacco manufacturer, Glasgow, who died on 16th December, 1878, by his Trust Disposition and Settlement dated 28th November, 1878, directed his trustees, Mr. James Boyd, writer, Glasgow, and others, to devote a sum of £500 to the foundation of a Bursary in the University of Glasgow, to be called the "Malcolm M'Ewen Bursary," in memory of his brother, Mr. Malcolm M'Ewen, who died on 16th January, 1878. The Bursary was founded in 1884.

After consultation with the Senate, the Trustees resolved that the regulations for the Bursary should be as follows:—The Bursary is open to competition at the annual Bursary Examination to all students entering on the first session of attendance at the University, is awarded by the Senate in accordance with the results of that examination, and is tenable for four years. The Bursar on his appointment must elect to follow either the course of study qualifying for the Degree of M.A., or the course of study qualifying for the Degree of B.Sc., and must attend at least two classes each winter session. The Bursary is payable by equal moieties on the second day of February, and at the close of the winter session, but the second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations for the Degree appropriate to the course of study chosen by him at the beginning of his tenure of the Bursary. A vacancy occurring otherwise than by lapse of time may, in the discretion of the Trustees, either be filled up at the first term thereafter, or not till the usual term at which the competition for the Bursary would, in ordinary course, have fallen due, and, in the latter event, accumulations from this source are to be added to the capital fund.

Bursar—Alexander Lamont, 1897.

James Macfarlane Bursary (*Theology*).—Miss Helen Macfarlane, who died on 12th March, 1886, by a Codicil dated 15th August, 1882, to her Trust Disposition and Settlement, directed her Trustees to hand over to the Senate the Portrait of her late brother, Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and the sum of £1,000 free of legacy duty for the foundation of a Bursary in the Faculty of Theology, in memory of her brother, the Rev. Dr. James Macfarlane, minister of Duddingston. Preference to the name Macfarlane. The competition is open to Divinity students of the first year, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts. The Bursary is tenable for three years, but in the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar. (Vacant).

John Macfarlane Bursary (*Medicine*).—Founded in 1874 by the brothers and sister of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and to his memory. Patrons—The Medical Faculty. It is of £40 annual value, and it is tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow. The Examination will be held at the close of the first session of professional study. The subjects of Examination to be prescribed by the Patrons; and the success of the candidates in the examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, is to be applied to establish a "Macfarlane Prize" in the Class of Practice of Medicine. The subjects of Examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

Bursar—James C. Turnbull, 1896.

Robert Macfarlane Bursaries.—By a Mutual Trust Disposition and Settlement of date 7th January, 1888, Miss Mary Ann and Miss Margaret Macfarlane directed their Trustees to make over to the Senate of the University of Glasgow a sum of £3,000 for the foundation of Bursaries in memory of their brother, Robert Macfarlane, Writer, Paisley, out of the estate bequeathed by him to them. The Bursaries are to be given to deserving students at the University of Glasgow looking forward to being lawyers, specially including students in the Law Classes, preference being given to young men connected with Paisley.

MacGrouther Bursaries (*Arts*).—Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500 ; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years ; subject in each case to the condition that the Bursar shall pass the examinations required of students proceeding to the Degree of M.A.

Bursars—Charles G. M'Ilravey, £20, 1895 ; William G. Macalister, £15, 1895.

Mackintosh Mental Science Bursary (*Medicine*).—Founded in 1889 by Dr. Donald Mackintosh of London, in memory of his brother, Dr. Alexander Mackintosh, for many years superintendent of the Royal Lunatic Asylum, Gartnavel. Value, about £31. Tenable for one year. The competition is open to matriculated students of medicine who have attended the Lectures on Insanity in the University, and will be awarded in accordance with the results of an examination conducted in June by the Professor of Practice of Medicine and the Lecturer on Insanity acting conjointly. The holder of the Bursary shall, while holding it, devote special attention to the practical study of Insanity to the satisfaction of the Faculty of Medicine.

Bursar—William Webster, 1897.

M'Kechnie Bursaries (*Any Faculty*).—Two in number, founded by the Disposition and Trust Settlement of the late Thomas M'Kechnie, merchant in Girvan, who bequeathed for that purpose the sum of £2,000 to the Minister of the Established Church in Girvan, the Magistrates of Girvan, and others, and appointed them patrons of the Bursaries. The Patrons, in nominating and presenting students to the Bursaries, are instructed to prefer, in the first place, such as are of the founder's kindred ; secondly, such as are of the name of M'Kechnie ; and thirdly, such as were born in the parish of Girvan, provided that such students are properly qualified by their previous education for entering the University of Glasgow. Failing candidates qualified as above, the Bursaries are to be awarded to those who shall be found best qualified and deserving. The Bursaries are tenable for four years. When a vacancy occurs application should be made to Messrs. W. and D. Andrews, solicitors, Girvan, not later than 31st August.

Bursars—James MacGregor, (Arts), 1895 ; Alexander Birch, (Med.), 1895.

Maitland Club Bursary.—In 1888 Dr. W. H. Hill and Mr. J. Wyllie Guild, the then surviving members of Council of the Maitland Club, disposed of the remainder of the stock of the Maitland Club publications, and in pursuance of resolutions passed at meetings of the Council held on 3rd and 17th August, 1870, handed over the proceeds (£140) to the Senate for Bursary purposes. The free income is to be annually bestowed without any competitive examination on such student as the Senate may consider deserving. No appointment will be made until the free annual income amounts to £5.

Marshall Bursaries (*One in Theology and One in Medicine*).—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, wholesale stationer, Bell Street, Glasgow, by her Will dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided " that the Principal and the Professors shall nominate and appoint such students only to the said Bursaries as they shall find, on such examination as they may appoint, to be properly qualified for entering upon the study of Divinity and Medicine at the said University." Present value, £17 per annum to each Bursar.

Bursar in Theology—Malcolm Mackinnon, 1896.

Bursar in Medicine—William M. Brown, 1896.

Marshall Trust Bursaries (*Arts*).—Under scheme 198, section 29, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 17th March, 1888, the

Governors of the Marshall Trust are instructed to apply (1) a sum not exceeding £300 per annum in providing University Bursaries. These Bursaries are awarded by competitive examination among pupils of either sex who have held free scholarships or school bursaries under the scheme, and pupils of either sex who are resident and attending public or State-aided schools in Lanarkshire or Stirlingshire, whose parents or guardians are of the class specified in section 25 of the scheme. The Governors may apply (2) a further sum of £300 per annum in providing similar Bursaries to be awarded solely to pupils who have held free scholarships under the scheme, who shall have competed for but failed to obtain any of the first mentioned Bursaries, but on condition that such free scholars shall pass the examination prescribed by the Governors. Each Bursary is £30 per annum, and is tenable for not more than five years. Forms of application may be obtained from the Secretary of the Trust—Mr. William Mitchell, 134 Wellington Street, Glasgow—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for students of the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary in the general competition. Under (1) there are two vacancies, and under (2) there are also two vacancies.

Bursars—Harry Diamond, 1894 ; Thomas Steele, 1894 ; Gregor Macgregor, 1894 ; Alexander Brown, 1894 ; Thomas R. Rodger, 1895 ; John Fulton, 1895 ; Robert S. Hamilton, 1895 ; George Galbraith, 1895 ; Dougald B. Macquistan, 1896 ; James Jack, 1896 ; Alexander Russell, 1896 ; David G. Taylor, 1896 ; Thomas Graham, 1897 ; George Beaumont, 1897 ; Peter Carrick, 1897 ; John M'Laughlin, 1897.

MENZIES BURSARIES (*Arts*).—The late Mr. James Menzies, of Glasgow, by his Will, dated 3rd November, 1837, left a sum of money to establish four Bursaries at either of the Universities of Edinburgh, Glasgow, or St. Andrews, tenable for four years, one to be given each year. The value of each Bursary is £45 per annum, but varies at the discretion of the Patrons. The Patrons are Sir Robert Menzies, Bart., of Menzies, and the Parish ministers of Dull, Weem, and Fortingall. In the first place, the kindred of the Testator ; secondly, persons of the name of Menzies ; thirdly, those born on the Menzies estates, will be preferred—provided always that they shall be found properly qualified by previous education ; and failing these, the Patrons can present such as shall be found best qualified after due examination. The following are the subjects of examination :—*English*, Reading and Writing from Dictation ; *Arithmetic*, as far as Decimal Fractions; *Euclid*, first three books; *Latin*, Caesar de Bello Gallico, first four books, and to translate a piece from English into Latin; *Greek*, Xenophon's Anabasis, first three books. Bursars to attend in some one of the above Universities the classes in their regular order for the M.A. Degree. Candidates are requested to send their names to Mr. John M. Menzies, The Menzies Estates Office, Aberfeldy, on or before 20th September. (One vacancy.)

Bursars—William Menzies, (1893) 1895 (special); Alan W. C. Menzies, 1894; Tom A. Menzies, 1895; Alexander Cunnison, 1896; Robert Menzies, 1897.

MERCHANTS' HOUSE BURSARIES (*One in Arts, One in Law, and Two in Medicine*).—Founded in 1879 by the Merchants' House of Glasgow. The Bursaries are of the annual value of £25 each, and are four in number—viz., two in Medicine, one in Arts, which may also be held in Engineering and Mechanics, and one in Law, tenable by students attending the requisite classes in the above Faculties, with a preference to the sons of matriculated members of the Merchants' House, and such others as the Lord Dean and Directors may deem deserving. 1. The Bursaries in Medicine are tenable for four years. Candidates must be entering on their first winter session of attendance on the ordinary curriculum for Medical Students. 2. The Bursary in Arts, or in Engineering and Mechanics, is tenable for four years. Candidates must be entering on their first session of study, and must attend each session two at least of the classes in the Arts curriculum, including, at the option of the candidate, the class of Civil Engineering and Mechanics. 3. The Bursary in Law is tenable for three years. Candidates must be entering on their first session of attendance on the classes in the Faculty of Law, and must give regular attendance for the three years on classes in that Faculty. The subjects of examination for the Bursaries in Medicine are the subjects of the Medical Preliminary Examination, and for the Bursaries in Arts and Law are those prescribed for the General Bursary Competition, special importance being given in the examination for the Arts Bursary to the subject of Mathematics. When a vacancy occurs, applications should be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September.

Bursar in Arts—[1] Hugh R. Buchanan, 1894.

Bursar in Law—Alexander E. Adams, 1896.

Bursars in Medicine—Edgar W. Sharp, 1895; Francis J. Henry, 1896.

METCALFE BURSARIES (*Science*).—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her Deed of Settlement and Codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, "for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry, and Civil Engineering." Mr. Metcalfe died on 25th January, 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see Index), at least two Metcalfe Bursaries or Scholarships, each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy and Chemistry ; two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathematics, including the elements of Plane Trigonometry, of Mechanics, and of Theoretical Astronomy, from among matriculated students entering the Intermediate Honours class of Mathematics, or the class of Chemistry. (Two vacancies.)

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[1] Vacant through lapse of time.

Bursars—[1] David A. Keith, 1896 ; James Moffat, 1897 ; William V. Shearer, 1897.

MITCHELL (See Lochhead and Mitchell, p. 266).

MONTEITH BURSARIES (*Arts*).—Founded in 1869 by Mr. James Monteith of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £14, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1898-99 a regular three years' Bursary will be competed for, the examination being in German.

Bursar—Joseph Walker (French), 1897.

JOHN MONTEITH BURSARIES (*Medicine*).—Founded in 1884 by Mrs. Helen Monteith, Greenbank, Dowanhill Gardens, Glasgow, in memory of her husband, the late John Monteith. Mrs. Monteith assigned the sum of £1,000 to Dr. John Gray M'Kendrick, Professor of the Institutes of Medicine, Dr. James Duncan M'Laren, Fellow of the Faculty of Physicians and Surgeons in Glasgow, James Graham, LL.D., writer, Glasgow, and Robert Monteith, her adopted son, as trustees, in the first instance, for the administration of the fund. The annual income after payment of the expenses of administration is to be awarded as two Bursaries to students who have attended the first and second sessions of their professional studies in the University of Glasgow with a view to Graduation in Medicine in that University. The Bursaries are tenable for two years. One Bursary is awarded annually in the month of November, and is given to the candidate who gains the highest number of marks in the subjects of Anatomy and Physiology at the Professional Examinations in these subjects held during the previous year (*i.e.* the April and October preceding said month of November). The founder has directed that it be represented to the holders of the Bursaries that they should feel themselves in honour bound after graduation to render professional assistance to the poor as much as may lie in their power.

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[1] Vacant through lapse of time.

Bursars—[1] William K. Hutton, 1896; Anderson G. M'Kendrick, 1897.

MORGAN BURSARIES (*Arts and Theology*).—Mr. John Morgan, West India Merchant, who died at Springfield House, Bishopbriggs, on 4th May, 1894, in his Trust Disposition and Settlement directed the Merchants' House to pay over half-yearly to the Presbytery of Glasgow one third of the net revenue of his estate to be applied in providing Bursaries for students in the University of Glasgow intending to become ministers of the Church of Scotland, one third to students in Divinity and two thirds to students in Arts. The students in Arts must be under twenty years of age, and must have passed the Preliminary Examination. The appointments are made for one year only, but may be renewed from year to year for one or more years. No Morgan Bursary shall exceed £20 a year. The holder of another Bursary of £20 or upwards cannot be appointed to a Morgan Bursary, but the holder of a Bursary of less than £20 may be appointed to a Morgan Bursary of such value that the two Bursaries together shall not exceed £20. Further particulars and schedules to be filled up by applicants may be obtained from the Presbytery Clerk.

MUIR BURSARIES (*Two in Arts or Science, Two in Science, and One in Theology*).—Founded in 1880, in terms of the Trust Disposition and Settlement and Codicil thereto of the late Mr. Matthew A. Muir, merchant in Glasgow, who bequeathed to the Senatus Academicus of Glasgow University, free of legacy duty, the sum of £1,000 for providing a Bursary in connection with the Chair of Divinity, to be awarded to a student of Divinity during the last three years of his curriculum; a sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Mathematics, to be awarded to advanced students in Mathematics, the period of tenure to be fixed by the Senate; and a further sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Civil Engineering and Mechanics, to be awarded to advanced students of Engineering and Mechanics, the period of tenure to be fixed by the Senate. Any of the Muir Bursaries in Mathematics and Civil Engineering may be held along with another Bursary.

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[1] Vacant through lapse of time.

The following rules and regulations have, in accordance with the provisions of the Deed, been sanctioned by Mr. Muir's trustees, and are to be observed in all time coming:—

1. *Muir Bursary in Divinity.*—Candidates must be entering on their first session in Theology in the University, and the appointment to the Bursary shall be determined by the result of the annual competitive examination for Bursaries in Theology. The competition shall be open to candidates holding a Degree in Arts in any Scottish University, or who have passed their examinations in four subjects taken out of at least two departments for graduation in Arts. The Bursary shall be tenable for three years, but the second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the Degree of Bachelor of Divinity.

2. *Muir Bursaries in Mathematics.*—Two in number, of which the Junior Bursary shall be tenable for two years, and the Senior Bursary for one year, the former being of half the annual value of the latter. The appointment shall be determined by the proficiency shown by the candidates in the earlier part of their Mathematical course, and the successful candidates shall prosecute the study of the Higher Mathematics during their tenure of the Bursaries. No candidate shall be allowed to hold both Bursaries at the same time. Should the Junior Bursary be resigned by the Bursar at the end of his first year of tenure, the Senate may make an appointment for the remainder of the period.

3. *Muir Bursaries in Civil Engineering and Mechanics.*—Two in number, and of equal value. The appointments shall be determined by the proficiency shown by the candidates in the earlier part of their Engineering course. The period of tenure for each Bursary shall be the session of attendance on the Senior Class of Civil Engineering and Mechanics (Class IV.). Should a vacancy occur by reason of non-attendance of a selected candidate, the Senate may make an appointment for the remainder of the period. No candidate shall be allowed to hold both Bursaries.

4. The Senate reserve the right to withhold the Bursary in any case in which a satisfactory standard has not been attained by any of the competitors.

5. Arrangements for carrying out these rules and regulations shall from time to time be made by the Senate, and notice thereof shall be published in the *University Calendar.*

Arrangements for Session 1898-99.—*Muir Bursaries in Mathematics.*—The appointment to the Junior Bursary, tenable during sessions 1899-1900, 1900-1, shall be determined by the results of the written examinations passed in the course of the session 1898-99 by the public students of the Second Class of Mathematics. The successful candidate shall, during session 1899-1900, attend the Intermediate Honours Class, and during session 1900-1 the Advanced Honours Class of Mathematics. The appointment to the Senior Bursary, tenable during session 1899-1900, shall be determined by the results of the written examinations passed in the course of the session 1898-99 by the public students of the Intermediate Honours Class. The successful candidate shall, during 1899-1900, attend the Advanced Honours Mathematical class.

Muir Bursaries in Civil Engineering and Mechanics.—Candidates for the Bursaries tenable during session 1899-1900 must be (*a*) students attending during session 1898-99 Engineering Class II., who are also attending or have in a previous session attended the Junior or the Senior Class of Engineering Drawing and Calculations, or (*b*) students attending during session 1898-99 the Junior or the Senior Class of Engineering Drawing and Calculations, who have in a previous session attended the Engineering Class II. or Class III. The appointment shall be made by consideration of merit shown during attendance on, and by examination in the subjects of those classes. The successful candidates shall, during session 1899-1900, attend the Senior Class of Civil Engineering and Mechanics (Class IV.).

Bursars in Mathematics.—Junior Bursar for session 1898-99, Francis P. H. Stirling, 1898; and for sessions 1898-99 and 1899-1900, John C. Mann, 1898; Senior Bursar for session 1898-99, Robert B. Carslaw, 1898.

Bursars in Civil Engineering and Mechanics for session 1898-99—William V. Shearer, 1898; James N. Stirling, 1898.

Bursar in Theology.—Robert Nelson, M.A., 1897.

WILLIAM MUIR DIVINITY BURSARIES (*Theology*).—Established in 1886 by the Governors of the Glasgow General Educational Endowments Board, under Section 35 of their Scheme. The Bursaries are two in number, each of £25 annual value. Candidates must have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University, and must lodge applications with Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, on or before the 20th day of October. The Bursaries are awarded in accordance with the results of the competition for Bursaries in Theology, and are tenable for two years.

Bursar—[1] David F. Liddle, 1896.

NOTMAN BURSARY (*Theology*).—By deed of Settlement dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier of Hillhead, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College,

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[1] Vacant through lapse of time.

the sum of £500 sterling for the purpose of founding a Bursary in the College, to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity, who shall appear in public examination to be best qualified and deserving. Present value, £18 per annum.
Bursar—Thomas Skeoch, 1896.

JAMES PATERSON BURSARY (*Arts*).—Founded in 1885 in commemoration of the completion, in 1879, of the fiftieth year of the existence of Adelaide Place Baptist Church, Glasgow, and of the Pastorate thereof of Dr. James Paterson during the same period. The sum subscribed for the purpose, amounting with interest to £619, was assigned and conveyed to the Senate in trust to be applied in all time coming to provide a Bursary in the Faculty of Arts to be called the James Paterson Bursary. The Bursary is tenable for four years, and is open to competition to any student of the first year in Arts who is a member of a Baptist Church, and who is entering upon his studies with a view to the ministry in the Baptist denomination. The Bursar during his tenure of the Bursary must be a member of Adelaide Place Baptist Church or of some other Baptist Church in Glasgow or neighbourhood. The Bursar must graduate in Arts, and before payment of the second moiety of the last year's Bursary must produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. On the Bursary falling vacant otherwise than by lapse of time, the Senate may appoint for the remainder of the term, or for the full period after competition. Before payment of the second moiety in each year the Bursar must produce a certificate of fitness for the ministry from a Committee of Adelaide Place Baptist Church, from the Baptist Union of Scotland, or some recognized Educational Institution of the Baptist Body.
Bursar—Eric J. Roberts, 1896.

JAMES ALEXANDER PATERSON BURSARIES (*Arts and Medicine*).—Founded in 1892, under the Trust Disposition and Settlement of James Alexander Paterson (for many years a member of Shamrock Street United Presbyterian Church), who died at Glasgow on 31st January, 1889. The Bursaries in Arts are six in number, three being of the annual value of £40 and three of £20 each, and are tenable for three years. They are open to competition to students entering upon the second year of their attendance at the University, who purpose studying for the ministry in connection with the United Presbyterian Church, and who intend to qualify for and take, in the University of Glasgow, the degree of M.A. Each candidate before the competition must lodge with the Clerk of Senate, (1) a written declaration of his intention to comply with and observe these conditions, and (2) a certificate from the Chairman or Clerk of the Theological Committee of the United Presbyterian

Church, bearing that the Candidate is recognized by that Church as an accepted student pursuing his studies with a view to the ministry therein. In October, 1898, two Bursaries of £40 and £20 respectively will be offered for competition. The Examination is in Hebrew (Genesis, chap. xxiii., xxiv.) and Greek (Euripides, *Alcestis*, and Gospel according to Luke). The Bursaries in Medicine are eight in number, four being of the annual value of £30 and four of £15 each, and are tenable for four years. They are open to competition to students entering upon the second year of their medical curriculum at the University of Glasgow, who intend to qualify for and take, in the University of Glasgow, the degree of M.B. Each candidate must before the competition deliver to the Clerk of Senate a written declaration of such intention. The subjects of examination are Mathematics and Natural Philosophy. Two Bursaries of £30 and £15 respectively will be offered to competition in October, 1898.

It shall be competent for the holders of these Bursaries, whether in Arts or in Medicine, to hold any other Bursary or Scholarship in this University, if the Regulations of that other Bursary or Scholarship permit.

Bursars in Arts.—Hugh Alexander (£40), 1896; William R. Wiseman (£40), 1897; William S. Rutherford (£20), 1897.

Bursars in Medicine—[1] Walter Colquhoun (£30), 1894; [1] John J. Buchan (£15), 1894; Hyam Goodman (£22 10s.), 1895; Ebenezer Mitchell (£22 10s.), 1895; George F. Buchan (£30), 1896; William B. I. Pollock (£15), 1896; John B. Stewart (£30), 1897; John Stewart, M.A. (£15), 1897.

PATRICK BURSARIES (*Arts*).—These Bursaries were founded in 1860 by Mr. William Patrick of Roughwood, W.S., and were originally two in number, the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They were tenable for two years, but might be continued for other two. By Ordinance No. 85 of the Universities Commission (1889) the number of Bursaries was increased to three, all equal in value, and tenable for four years. If a Bursar graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects also the provisions of Ordinance No. 57 apply to the Patrick Bursaries. Candidates must have gone through a course of education at some one of the Public Schools in the County of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four of his best scholars, who shall be entitled to present themselves to the Principal and Professors as candidates for the Bursaries. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office).

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[1] Vacant through lapse of time.

Bursars—Thomas M'Ewan, 1895; Francis P. H. Stirling, 1896; Alexander S. Dunlop, 1897.

PENDER MEMORIAL BURSARY.—Founded in 1898 by a Committee of which the Marquis of Tweeddale was Chairman to commemorate the leading part taken by the late Sir John Pender, G.C.M.G., in the establishment and development of Submarine Telegraphy and in its extension throughout the world. The fund consists of about £1600. The following regulations were made by the Senate after communication with the Glasgow and West of Scotland Technical College and the Committee:—1. That the holding of a Diploma in Electrical Engineering of the Glasgow and West of Scotland Technical College be a condition of appointment to the Bursary. 2. That the appointment to the Bursary be made by the authorities of the Glasgow and West of Scotland Technical College. 3. That the Bursary be tenable for one year. 4. That the Bursar be required during his tenure to attend in the University three full courses or their equivalent from among those that would constitute in his case a qualifying curriculum of study for the Degree of B.Sc. in Engineering. 5. That, in the event of there being no candidate deemed worthy of appointment in any year, the interest be held over to provide a second Bursary in a subsequent year.

GLASGOW PERTHSHIRE SOCIETY'S BURSARY (*Arts*).—Founded by the Glasgow Perthshire Society in 1873. Value, £25, and tenable for three years. Open to competition to natives and sons of natives of the county of Perth, and also to sons of persons who are *bonâ fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the University of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent to Messrs. George Gray and Son, County Buildings, Glasgow, Secretaries of the Society, not later than the twenty-fifth day of August preceding the competition.

Bursar—John Faichney, 1897.

POLLOCK BURSARIES (*Arts*).—Founded in 1878, in terms of the Trust Disposition and Settlement of the Rev. Alex. Pollock, senior minister of the Free South Church, Paisley, who bequeathed £3,000, free of legacy duty, for that purpose. The Bursaries are designed to assist young men entering the University of Glasgow, whose circumstances are such as to render it desirable that they should have assistance in prosecuting their studies. The patrons are the Principal and Professors in the Faculty of Arts. Each candidate must lodge along with his application a letter from the Rector, Headmaster, or Classical Teacher of one of the Public Schools or Public Academies within the parliamentary boundaries of the burgh of Paisley, where a regular course of Classical study is pursued, certifying that he has completed his course of education at such school or academy. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). Should no such qualified candidates present themselves, or should the otherwise qualified candidates fail to reach a satisfactory standard in the Bursary Examination, the Bursary or Bursaries vacant for the time being shall be open to all the candidates in the ordinary Bursary Competition. The Bursaries are three in number, and are tenable for three years, during which period the Bursars must be students in the Faculty of Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in four subjects taken out of at least two departments for graduation in Arts.

Bursars—[1] Duncan M'Taggart, 1895; James N. Stirling, 1896; Arthur G. H. Elder, 1897.

Rainy Bursaries (*Medicine*).—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary Fund is to be divided annually between the two Bursars; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund shall at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

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[1] Vacant through lapse of time.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third winter session; and the examination is to take place in the month of October.

The successful candidate may hold his Bursary for two years, namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct, is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

In 1898 the competition for one of these Bursaries will be held on 3rd and 4th October. Candidates are required to give in their names (with Certificates) to the Assistant Clerk (Matriculation Office), on or before the 15th September.

Bursar—Andrew Mair, 1897.

RAMSAY WALKER BURSARIES (*Arts*).—Two in number, founded in 1879, under the Trust Disposition and Settlement of Miss Ramsay Walker, Crosshill, who bequeathed £700, reduced by legacy duty to £630, for educating two students with a view to the ministry of the Established Church of Scotland. Preference to kindred of the founder, whom failing, to students of the name of Walker, whom failing, to natives of Glasgow, whom failing, the Bursaries will be thrown open to public competition. Candidates must be qualified by their previous education for entering the University. Tenable for four years.

Bursars—James R. S. Wilson, 1896; [1] Arthur P. S. Tulloch, 1896.

ROSS BURSARY.—(See Hyndford and Ross, p. 262.)

JOHN ROSS, JUNIOR, BURSARY (*Theology*).—Founded in 1880 by Mrs. Ross, widow of Mr. John Ross, junior, merchant in Glasgow, in memory of her husband. Patrons—The Senate of the University. The Bursary Fund consists of the capital sum of £1,000, set aside by Mrs. Ross for that purpose. The Bursary is tenable for three years by a student of Divinity in the regular course of study for the degree of Bachelor of Divinity with a view of becoming a clergyman of the Established Church of Scotland. Candidates must be entering on the first session of their study in Theology in the University, and the award shall be determined by the result of the annual competitive examination for Bursaries in Theology. In cases of equality in the competition there is a preference to the student who may be thought to stand most in need of help to carry on his theological studies, or to one who is a native of Ayrshire. The second moiety of the third year's Burse shall not be paid to any Bursar unless and until he shall have passed all the examinations required for the degree of B.D. In the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

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[1] Vacant—Bursar appointed to a more valuable Bursary.

Bursar—Duncan Cameron, M.A., 1896.

SANDERS BURSARY.—(See Boyd and Sanders Bursary, p. 240.)

SCOTT BURSARIES (*Arts*).—The centenary of the birth of Sir Walter Scott was celebrated in Glasgow in 1871, and in conformity with a suggestion made by Lord Stanley (Earl of Derby), then Lord Rector of the University, the committee who had charge of the arrangements resolved to raise by public subscription a fund for the benefit of distinguished students, and to associate it with Scott's name. The amount subscribed was £3,500, and accordingly two Bursaries, along with the Scott Scholarship, were founded in 1874. The fund is administered by trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being an Assessor of the Council in the University Court, appointed by the four Assessors or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889). The Bursaries are now three in number, each of the annual value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University.

Bursars—[1] John Murphy, 1894; William A. Edward, 1895; William D. H. Stevenson, 1896.

SHEARER BURSARIES (*Any Faculty*).—Founded in the year 1887, by Archibald Shearer of Boag, who resided in Beith. By Deed of Mortification executed by Mr. Shearer dated 29th April, 1887, he conveyed his lands of Boag, in the parish of Kilbirnie, to trustees for the foundation and endowment of three Bursaries for the advancement of the higher education of the young men of his native parish of Dalry, in the county of Ayr. The Deed provides that the Bursaries shall be open to applicants between the ages of fourteen and twenty-four, who are the sons of parents or of a surviving parent *bonâ fide* resident for a period of not less than two years immediately preceding the date of application in the parish of Dalry, or to applicants who, for a period of not less than the last two years of their school curriculum, have received their education in the schools within the said parish, to enable the

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[1] Vacant through lapse of time.

Bursars to pursue their education as students at the University in one or other of the Faculties. Students who have enjoyed a Bursary during their Arts course are eligible for a second Bursary in another Faculty. Applicants to undergo such examination as the trustees may from time to time appoint. Each Bursary to be one-third of free income from the lands of Boag, but not exceeding the annual sum of £30, and to be tenable for three years. Further information will be afforded by the Agents of the Trustees, Messrs. J. & J. M'Cosh, writers, Dalry.

Bursars—Daniel K. Campbell, 1896; William Kerr, 1897 (one year).

SMITH (CRUTHERLAND) BURSARY (*Any Faculty*).—In 1849 Dr. John Smith of Crutherland founded two bursaries, which were not restricted to any particular Faculty. Patrons—The Directors of the Incorporated Company of Stationers. Sons of members of the Company are preferred, then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the patrons. The value of each was £9 per annum, and they were tenable for one or more years at the option of the patrons. Ordinance No. 77, issued on 15th February, 1895, provides that the two bursaries shall hereafter be conjoined into one, and that the bursary shall be tenable for four years. If a bursar in Arts graduate at the end of three years, he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. If a bursar in Divinity graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Applications to be made to Mr. R. Brodie, 77 St. Vincent Street, Glasgow.

Bursar—James B. Paton, 1897.

STEVENSON OF DALRY BURSARIES (*Arts*).—The Rev. Robert Stevenson, D.D., minister of the Parish of Dalry, Ayrshire, who died on 11th September, 1890, by his Trust Disposition and Settlement dated 28th July, 1890, directed his Trustees to pay over to the University Court the sum of £2,000, free of legacy duty, for the foundation of two Bursaries in Arts. They are open for competition to students entering on the first or second session of attendance in the Faculty of Arts, who are prosecuting their studies with a view to the ministry of the Church of Scotland, with a preference in the first place to natives of the parish of Dalry in Ayrshire, and in the second place to natives of the parishes of Bannockburn or St.

Ninians in Stirlingshire. The Bursaries, which are of equal value, are tenable for four years (One vacancy).

Bursar—Peter G. Smith, 1896.

Stewart Bursaries (*Arts*).—These Bursaries, three in number, founded in 1809 by the Rev. James Stewart, are in the gift of the Senate. They commence with the Humanity or the Greek Class, and may be held during the Gown Course. Value, £15 per annum each. The names Stewart and Simpson were preferred, but this preference was cancelled by Ordinance No. 57 of the Universities Commission (1889). In case of a vacancy, a student of the same standing is appointed.

Bursars—Wallace Fairweather, (1895) 1896; Thomas M. Smith, 1896; George Stewart, 1896.

Stillie Bursary in Music.—This Bursary was founded by Mrs. Thomas Stillie in 1885, the Trustees being the Executive Council of Queen Margaret College, and their successors in office. The Trustees were to apply the annual proceeds of the investment of £125 in providing one Bursary, to be granted yearly to a student of Music, as a reward for proficiency in Music, and an encouragement to further study. The Trustees were empowered to make such regulations as they should see fit from time to time for testing the merits of the candidates, and also for prescribing the age of candidates and the course of study to be pursued in connection with Queen Margaret College or otherwise, which the Trustees might desiderate as a condition of awarding the Bursary. The University Court, having taken over Queen Margaret College, are the successors in office of the Executive Council of Queen Margaret College in respect of the Stillie Bursary Fund, which in January, 1895, amounted to £160. The following regulations have been adopted by the Court:— 1. The Bursary shall be awarded in connection with the examinations in Music conducted in Glasgow by the Associated Board of the Royal Academy of Music and the Royal College of Music. 2. The Bursary shall be awarded by the Senate on a report by the Examiners of the said Board. 3. Only candidates for the Senior Grade Examination shall be eligible, and the Bursary shall be awarded to the candidate examined in Glasgow who shall obtain the highest number of marks in that examination. 4. The Bursary shall not be awarded if the candidate with the highest number of marks has not obtained honours; and in that case the proceeds shall be added to the capital fund.

Bursar—Annie A. Craig, 1898.

Dr. Strang Bursaries (*Science*).—Mrs. Machen of Ferniecraig, Skelmorlie, who died recently, left funds for the foundation of four

Bursaries, each of the annual value of £20, to be instituted in connection with the University of Glasgow, in memory of her brother, the late Dr. John Strang, City Chamberlain of Glasgow from 1834 to 1863. The Trustees under their powers have meanwhile agreed that these Bursaries should be tenable by students of Engineering Science in the University of Glasgow. Each Bursary is tenable for three years. The Bursaries shall be awarded on the results of the Science Preliminary Examination, and no candidate shall be appointed to a Bursary unless he passes the whole preliminary examination. Each Bursar shall be required to attend a course qualifying him for graduation in Engineering Science on the side of Engineering.

The Bursaries shall be payable by equal moieties in the month of January and at the close of the winter session, but the second moiety of the second year's Burse shall not be paid until the student has passed the first Science Examination for B.Sc. in Engineering Science, except in special circumstances. No student shall be entitled to hold a Dr. Strang Bursary who is receiving any other Bursary.

In each of the years in which two appointments fall to be made, the Trustees, in appointing to the second Bursary, will take into account, not only the results of the examination, but also, and specially, other circumstances (financial and otherwise) affecting the candidates. One Bursary of £20 for session 1898-99 will be awarded after the preliminary examination in September-October, 1898.

Further particulars may be obtained from Professor Barr, D.Sc., Engineering Department, University of Glasgow, or from Messrs. Kerr & Barrie, Solicitors, 149 St. Vincent Street.

Bursars—Patrick O'Hanlon, 1896; John G. Henderson, 1896; Harry S. Stewart, 1897.

STRUTHERS BURSARY.—(See Gilhagie and Struthers Bursary, p. 255.)

TAYLOR BURSARIES (*Any Faculty*).—Two in number, founded by Mr. James Taylor, writer in Glasgow, who by Trust Disposition and Settlement of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. After Mr. Taylor's death, the trustees found that the estate was not sufficient to pay the various legacies in full. They paid over to the University in January, 1868, the sum of £560, and in September, 1878, a further and final dividend of £80, making in all £640, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. The preference given to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur, was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursars—James M. Black, 1895; Joseph Barnes, 1897.

JAMES THOMSON PHILOSOPHICAL ENTRANCE BURSARY (*Arts, Phil.*).—Founded by subscription in 1878 in memory of James Thomson, M.A., a distinguished student of this University, who died in 1876 before the close of his theological curriculum. The Bursary consists of the proceeds of a sum of about £300, and is tenable for two years. It is awarded biennially for the best examination in (*a*) Mental Philosophy and (*b*) English Literature alternately. The examination is open to all students of the first and second year who have not already attended the Logic, Moral Philosophy, or English Literature Class, and who have not attended a session in any other Scottish University. The Bursary is payable in four instalments, but the last instalment will not be paid till the Bursar has passed his examinations in Latin and Greek for the M.A. Degree in Glasgow University. The subjects of Examination in Mental Philosophy and English Literature respectively are the same as for the John Ferguson Jaffrey Bursary. (See page 262.)

The next examination will be held in October, 1898, the subject of examination being English Literature.

WALKINSHAW YOUNG BURSARY (*Law*).—Founded in 1878 by Major Young, Dunmore, Kirn, who bequeathed to the University a sum of £500, free of legacy duty, for promoting any useful branch of Education which the Principal and Professors may think proper.

The following regulations have been adopted :—

1. The Bursary shall be tenable for two years, during which the holder shall give regular attendance as a public student in the Faculty of Law in the University, to the satisfaction of the Senate.

2. All persons who within two years previous to the time when an appointment to the Bursary is made, have, at an examination in Arts, for the Degree of B.L. passed in not fewer than two Arts subjects, or have passed in any two subjects for the Degree of M.A., shall be eligible as candidates, and the Senate shall appoint that one among the candidates who in their opinion is the most distinguished. A student who passes a qualifying Examination in the November of the session in which an appointment is made, shall be held eligible within this rule, but one who has passed an examination in the November two years preceding such an appointment, and has not passed any subsequent qualifying examination, shall not be eligible.

3. The Bursary shall not be tenable along with any other Bursary or Scholarship in the University.

The next appointment to this Bursary will be made in December, 1898. Applications to be sent in to the Clerk of Senate on or before 1st December of that year.

Bursar—[1] Robert Tennent, M.A., 1896.

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[1] Vacant through lapse of time.

Walton Bursary (*Medicine*).—This Bursary was founded in 1763 by Dr. William Walton, Huntingdon, for a student in Medicine. The Earl of Sandwich has the right of appointing to the Bursary one of two students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value about £34 per annum.

Bursar—Archibald Jubb, 1896.

Andrew Weir Bursary (*Medicine*).—Founded in 1884, in terms of a Bequest by Mrs. Janet Maxwell or Weir, relict of Andrew Weir, feuar in Paisley. Mrs. Weir bequeathed the sum of £500 to the University, and directed the annual income of the legacy to be devoted to maintaining a Bursary in connection with the Medical School, in such a manner as the Senate may appoint. The Bursary is in memory of a son of the founder, Andrew Weir, a medical student of Glasgow University, who held subsequently the post of Resident Physician in the Paisley Infirmary, and in the discharge of his duties there contracted a fever, of which he died. The Bursary is awarded annually at the beginning of the Winter Session, in accordance with the results of the second and third professional examinations, account being taken of the marks gained by all students who have passed both of these examinations within a period not exceeding thirteen months, reckoning backward from the date of the professional examinations in October of each year. During the tenure of this Bursary, which may be held along with another Bursary, the holder shall be bound to give regular attendance on the classes of the medical curriculum in the University.

Bursar—[1] William Webster, 1897.

William Whyte Bursaries (*Arts*, *Law*, *or Medicine*).—Four in number, founded in 1893 in memory of Mr. William Whyte, at one time Preceptor of Hutchesons' Hospital, in accordance with instructions contained in the Trust Disposition and Settlement of his daughter Mrs. Isabella Whyte or Bamber, who died in 1882. The Trustees executed a Deed of Mortification transferring £2,000, less legacy duty, to Hutchesons' Hospital. The Bursaries are each of the annual value of £25, and are tenable for four sessions in the Faculties of Arts, Law, or Medicine. They are open to competition by boys who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Candidates must give in their names to Messrs. Hill & Hoggan on or before 1st September in each year, to be sent to the Clerk of Senate, that they may be entered for the University Entrance Bursary Competition. One Bursary will be awarded every year to the candidate highest in the order of merit who shall not have gained and elected to hold a Bursary of equal or higher value at the general competition, provided his attainments have reached a standard satisfactory to the Patrons of Hutchesons' Hospital.

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[1] Vacant through lapse of time.

The sum of £408 15s. 8d. at the credit of the Fund at 31st December, 1892, is to be allowed to accumulate until that sum, with such additions as may accrue from any portion of the income that may not be required for the purposes aforesaid, shall amount to a sum which will produce a return of £20 yearly. There shall then be instituted a Bursary of that value, to be competed for by girls educated in Hutchesons' Girls' School, which Bursary shall be tenable at the University of Glasgow.

Bursars—[1] John Gardner, 1894; John Young, 1895; Edward Magoveny, 1896; Richard Makins, 1897.

King William's Bursaries (*Two in Arts and Two in Theology*).—These Bursaries, founded by His Majesty King William III. in 1695, were formerly six in number and known as the Exchequer Bursaries. They were tenable for six years—the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. The bursars in Philosophy received £10 per annum each, and those in Divinity £13 6s. 8d. The Foundation was regulated by Act of Parliament, 1758. By Ordinance No. 99 the Universities Commission (1889) altered the conditions and directions affecting the Foundation, making two Bursaries in the Faculty of Arts each of the annual value of £15, and two in the Faculty of Divinity each of the annual value of £20. Each of the Bursaries is tenable for three years, and no longer. The Bursaries in Arts are open by competition to all students entering on their first year of attendance on a course of study for graduation in Arts. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study for graduation in Divinity. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. (One vacancy in Theology.)

Bursars in Arts—James N. Brown, 1896; James Sinclair, 1897.

Bursar in Divinity—Joseph Campbell, 1896.

Williams Bursaries (*Arts and Theology*).—The Rev. Dr. Williams, London, in the year 1711 bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the dissenting ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value, £40 per annum each. The right of presentation is vested in the founder's trustees. Secretary to the Trust--Mr. Francis H. Jones, Dr. Williams' Library, Gordon Square, London, W.C. The state of the funds of this foundation will not admit of more than one appointment being made in session 1898-99.

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[1] Vacant through lapse of time.

Bursars—[1] Henry A. Inglis, 1895; Richard L. Franks, 1896; Owen L. Jones, 1897; Stanley H. Turner, 1897.

WILSONE BURSARY.—(See Boyd and Wilson, p. 241.)

GEORGE YOUNG BURSARY (*Science*).—By Trust Disposition and Settlement of date 30th August, 1892, Mrs. Catherine M'Farlane or Young, who died at Helensburgh on 4th November, 1893, directed her Trustees to make over to the Senate of the University of Glasgow the sum of £1,000, free of legacy duty, for the purpose of founding, in memory of her husband and son, a Bursary in connection with the class of Civil Engineering, on such terms and conditions as the Senate should from time to time fix. The Senate have determined that the Bursary shall, upon the recommendation of the Faculty of Science, be awarded to the candidate who has the best record in his First Science Examination. Students who have passed the whole of that examination or at least in Mathematics and Natural Philosophy with or without the higher branches specified in Ordinance No. 23, Section ix., Sub-sections 1 and 2, may offer themselves as candidates, but students who have completed their qualifying attendance in Engineering shall not be eligible. The Bursary shall be tenable for one year, during which the Bursar must attend a course of Laboratory Practice in Engineering and either a course (or half course) of Engineering Lectures or a course of Engineering Drawing. Appointment in the month of April after the Degree Examinations.

Bursar—John Gordon Henderson, 1898.

MAJOR YOUNG'S FUND BURSARIES (*Law*).—Two in number, founded in 1890 by the Trustees of the late Major Young, founder of the Walkinshaw Young Bursary. The amount of the Bursary Fund is about £1,312, and each of the Bursars receives one half of the free annual income thereof. In accordance with Major Young's desire, the Bursaries are open only to applicants whose pecuniary circumstances are such as in the judgment of the Senate render it desirable that they should have assistance in prosecuting their studies at the University, preference being given, *cæteris paribus*, to natives of Argyllshire or Renfrewshire. One of the Bursaries is tenable for six years, and is awarded by competitive examination to a student of the first year who intends to study for a Degree in Law. The Bursar is required during his tenure of the Bursary to attend such classes and to pass such examinations for a Degree in

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[1] Vacant through lapse of time.

Law as shall be held by the Senate to correspond to the successive stages of his course ; and he must attend a class or classes in the Faculty of Law during at least the last two years of his tenure of the Bursary. The other Bursary is tenable for two years, and is awarded by competitive examination upon subjects prescribed by the Senate. Candidates must have expressed their intention of attending the classes of Scots Law and Conveyancing, and the Bursar must attend these classes in separate sessions during his tenure of the Bursary. Either of these Bursaries may be held with any other Bursary, Scholarship, or Prize in the University, but both shall not be held together by one Bursar. The subjects of examination are those prescribed for the General Bursary competition. (One vacancy.)

Bursars—[1] John S. Leishman (two years), 1896 ; Arthur J. Cubberley (six years), 1897.

2. *EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.*

ALPHABETICALLY ARRANGED.

N.B.—In cases in which a Scholarship or Fellowship falls vacant otherwise than by lapse of time, the Senate may, except where it is inconsistent with the deed of foundation, hold a competition, and make an appointment for the remainder of the period for which such Fellowship or Scholarship may be held. At the next ordinary competition no student shall be excluded from the competition by reason of his having previously been appointed to fill a vacancy for less than the full period; but in no case shall any student hold such Scholarship or Fellowship for longer than the full period fixed in the regulations applicable to such foundation.

FOUNDATION.	No. of Scholarships, &c.	TENABLE BY	Approximate Annual Value of each.
Black Theological, -	1	Masters of Arts of Scot. Univ.,	£147
Breadalbane, - - -	2	M.A. or B.Sc., Eng., Glas. Univ.,	£50
Clark, George A., - -	4	3 M.A., 1 B.Sc., do.	£170
Clark, John (Mile-end),	12	Arts Students at close of Curric.,	£50
Clydebank, - - - -	1	Students of Naval Architecture,	£30
Cunninghame, - - -	2	Bachelors of Laws of Glas. Univ.,	£34
Donaldson, Alexander,	1	Candidates for B.Sc. (Chemistry),	£40
Donaldson, Robert, -	2	Bachelors of Science of Gl. Univ.,	£62
Eglinton, - - - - -	2	Masters of Arts of do.	£100
Euing, William, - -	3	Do. do.	£100
1851 Exhibition Science	2	Science Students,- - - -	£150
Ferguson, - - - - -	6	Masters of Arts of Scot. Univ.,	£80
Foulis Memorial, - -	1	Medical Graduates or Licentiates,	£50
Houldsworth, - - -	1	Research Students in Nat. Phil.,	£150
Lloyd's Register, - -	3	Students of Naval Architecture,	£50
Luke, - - - - - -	1	Masters of Arts of Glas. Univ.,	£95
Mackay Smith, - - -	2	Students in Nat. Phil. and Chem.,	£48
Mackinnon, - - - -	1	(See page 310),	£45
Metcalfe, - - - - -	1	Masters of Arts of Glas. Univ.,	£100
Sandford, - - - - -	1	Greek Students, do.	£20
Scott, - - - - - -	1	Masters of Arts of do.	£80
Shaw Philosophical, -	1	Do. Scot. Univ.,	£140
Snell (at Oxford), - -	5	Masters of Arts, etc., Glas. Univ.,	£80
Thomson Experimental	3	Students of Natural Philosophy,	£20

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[1] Vacant through lapse of time.

Black Theological Fellowship.—This fellowship, of the annual value of £140 or thereby, was instituted under the Will of the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following regulations have been adopted by the Senate with the sanction of the University Court :—

1. The Black Theological Fellowship shall be tenable for one year.
2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland completing the ordinary curriculum of Theological study in the University of Glasgow in the academical year in which the examinations are held.
3. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.
4. The Fellowship shall be awarded by the Theological Faculty at the close of the winter session to the most distinguished graduate in Divinity of the session qualified in terms of the foundation, but the Fellowship shall be awarded only if the Candidate has, in the opinion of the Faculty, attained a sufficient standard of merit.
5. The holder of the Fellowship shall, during the tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise—within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.
6. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship or Prize falling to be awarded at the same time, or subsequently during its tenure.

Subject to these regulations an appointment to the Fellowship will be made in April, 1899.

Present Fellow—Ephraim M. Henderson, B.D., 1898.

Breadalbane Scholarships.—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two Scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his Deed of Settlement made provision for the "annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be paid yearly to deserving students in this college, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the Senatus Academicus of the said University."

The following regulations have been approved by the Senate :—

The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

The scholars shall be chosen, after competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, or the Degree of Bachelor of Science in the Department of Engineering Science, at the University of Glasgow, within a period of not more than three years preceding the examination ; provided always that students graduating at the supplementary graduation in November of any year, shall, for all purposes, be held to have graduated at the ordinary graduation in April immediately preceding.

Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years ; provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study.

Scholars—[1] James S. Dunlop, 1895 ; [1] Thomas Nisbet, 1895.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS.—By the Will of the late Mr. George A. Clark, manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the regulations :—

1. One of these Bursaries shall be competed for annually, at or immediately after the October examination for Degrees in Arts or Science.

2. The four Bursaries are assigned respectively to four of the Groups of Honours enumerated in Ordinance No. 11, Section XI. of the Universities Commission (1889), viz. :—(1) Classics ; (2) Mental Philosophy ; (3) Mathematics and Natural Philosophy ; (4) English (Language, Literature, and British History).

For the Classics Bursary or Scholarship either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Classics, may be candidates ; for the Mental Philosophy Bursary or Scholarship, either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mental Philosophy, may be candidates ; for the Bursary or Scholarship in Mathematics and Natural Philosophy either Masters of Arts of this University who have taken the Degree of M.A. with

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[1] Vacant through lapse of time.

Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mathematics and Natural Philosophy, or Bachelors of Science of this University who have taken the degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science in the subjects of Mathematics and Natural Philosophy, may be candidates ; and for the Bursary or Scholarship in English either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in English, may be candidates.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree or the B.Sc. Degree.

3. The successful candidate shall undertake, during his tenure of the Bursary, to give such assistance in the teaching work of the University, and to follow such a course of study in the University, as the Senate may determine.

4. The subjects of examination each year shall be those which constitute the examination for Honours in one of the above-named Groups (the Group selected each year for examination to be publicly announced). The Senate reserve the right to withhold the Scholarship, should none of the competitors reach the standard of attainment required of graduates in Arts with highest honours.

5. In the event of the examiners reporting in any year that no candidate has done sufficiently well in the subjects of that year to deserve the Scholarship, no appointment shall be made in that year ; but it shall be in the power of the Senate to hold an examination for the same Scholarship, and in the same subjects, in the following year ; provided that in that case the Scholarship shall be held for three years only and not for four, the surplus revenue being added to the capital of the fund. Should the same thing occur again, it shall be in the power of the Senate to appoint a Scholar for two years only, or for one year only, the examination in each case being in the same subjects as when the Scholarship was first competed for. In the same manner, in the event of a vacancy occurring in the tenure of any of the Scholarships otherwise than by lapse of time, the Senate may make an appointment for the remainder of the term for which the Scholarship might have been held by the student vacating it, and after examination in the same subjects as those for proficiency in which the Scholar was originally appointed ; but in no case shall the regular rotation of subjects as above provided for be disturbed. In the competition for scholarships to be held for less than four years, no student shall be admitted to examination who would not be eligible, as above arranged, for a Scholarship to

be held for four years. In the event of a candidate being appointed to a vacancy to be filled for less than four years, and being still eligible, under the usual regulations as above, to compete for the said Scholarship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Scholarship, but in no case shall any student be permitted to hold the Scholarship for more than four years in all.

6. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

7. It shall be in the power of the Senate to deprive any Bursar of his Bursary, in the event of his not complying, to their satisfaction, with any of the above regulations.

8. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments, and for the Degree of B.Sc.

One of these Bursaries or Scholarships will be competed for, subject to the foregoing regulations, in October, 1898. It will be tenable for four years, and the examination will be in the second of the four Groups above enumerated, viz., Mental Philosophy.

Candidates are requested to give in their names to the Assistant Clerk (Matriculation Office), not later than 21st September.

Bursars—[1] Henry N. Brailsford, M.A., 1894 (Mental Philosophy); John Miller, M.A., (1895), 1897, (Mathematics); William H. Lang, B.Sc. (three years), 1897, (Natural Science); David H. Crawford, M.A., 1897 (Classics).

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see page 245), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University. The Scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the trustees, and are tenable for four years, subject to the condition that the Scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the trustees, any other profession or business they may prefer. The trustees do not appoint any one who already holds a scholarship of greater value. Three Scholarships will be competed for in October, 1898, one in the Group of Mathematics and Natural Philosophy, one in the Group of English (Language, Literature, and British History), and one in the Group of History. The examination will be on the subjects prescribed for the Degree of M.A. with Honours in the respective Groups.

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[1] Vacant through lapse of time.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office), and also to Mr. Wm. Kidston, 50 West Regent Street, Glasgow, on or before the 21st September.

Scholars—[1] Robert G. Nisbet, M.A., 1894 ; [1] William R. Paterson, M.A., 1894 ; [1] William C. Henderson, M.A., 1894; William Boyd, 1895; Adam B. Stewart, 1895 ; William G. Bell, 1896 ; Thomas E. Jones, 1896 ; James W. Copeland, 1896 ; James Johnston, 1897 ; William W. Fulton, 1897 ; David M. Stewart, 1897.

CLYDEBANK SCHOLARSHIP.—Founded in 1885 by Messrs. James and George Thomson, engineers and shipbuilders, Clydebank. The value was originally £10 per annum, but Messrs. Thomson in 1895 increased the yearly value to £30, and proposed the following regulations, which were approved by the Senate : 1. The Scholarship shall be tenable for three years to enable the holder to graduate in Science. 2. The scholarship shall be competed for biennially by young men not under eighteen years of age, who are apprentices, and have been employed at least three years as such in any of the departments of Clydebank Shipyard and Engineering Works. 3. All candidates must have passed in the May Examinations before they intend entering the University, under the Science and Art Department of South Kensington, the following or higher stages, viz. : Mathematics, second stage ; Naval Architecture, advanced stage (or alternatively an equivalent examination in Machine Construction and Steam) ; Theoretical Mechanics, and Plane and Solid Geometry, elementary stages. The scholarship will be awarded to the candidate who has the best record in these subjects. Should there be any apparent equality, the candidates who are apparently equal shall be further examined at the University, and the scholar shall be selected in accordance with the result of this further examination. 4. The scholar appointed shall, during his tenure of the Scholarship, attend in the usual order all the classes necessary to qualify for the degree of B.Sc. ; and the second moiety of the third year's stipend may not be paid if the scholar fails to pass the final examination for the degree of B.Sc., or if, in the opinion of the Senate, he has not made satisfactory progress during his term at the University.

ANDREW CUNNINGHAME SCHOLARSHIPS.—Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, who died in 1886, bequeathed to the University, free of legacy duty, £5,000, for the purpose of completing the tower, and also £350, the annual revenue of which was to be applied in purchasing a gold medal as a prize in the class of Mathematics. He also bequeathed to the Senate £2,000 for two Bursaries or Scholarships in connection with the Scots Law and Conveyancing Classes. The following regulations were adopted by the Senate on 15th March, 1888:—

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[1] Vacant through lapse of time.

1. One half of the free income of the bequest shall be applied for the purpose of a Scholarship in connection with the class of Scots Law, and the remaining half for the purpose of a Scholarship in connection with the class of Conveyancing.

2. Each Scholarship shall be tenable for two years.

3. On each vacancy the candidate who, in the opinion of the Senate, is the most distinguished Bachelor of Laws of the year, shall be appointed, special consideration being given to eminence in Scots Law and Conveyancing.

4. Students who have been found qualified for the Degree of LL.B. at the spring and winter graduations of the year in which the appointment is made, shall be eligible as candidates.

5. The conditions of holding the Scholarships are that the scholars give such assistance in the work of the classes of Scots Law and Conveyancing respectively as the Professors of these classes may require, subject to the approval of the Senate.

6. In the event of a vacancy occurring during the tenure of any Scholarship, the Senate may, if they think fit, appoint a Scholar to hold the Scholarship for the unexpired period.

An appointment to the Conveyancing Scholarship will be made in November, 1898.

Scholars—[1] Hugh P. Macmillan, LL.B., 1896; Alexander M. MacRobert, LL.B., 1897.

ALEXANDER DONALDSON SCHOLARSHIP OR BURSARY.—Founded in 1881 by Will of the late Mr. Alexander Donaldson, iron merchant in Glasgow, who bequeathed to the Senatus of Glasgow University £1,000, to be administered by them as patrons for the endowment of a Scholarship or Bursary, at their discretion, in connection with the said University.

The following regulations were adopted by the Senate on 1st May, 1884:—

1. The Scholarship shall be awarded to the candidate who, presenting himself for the first examination for the Degree of B.Sc. held in the month of April, shall stand highest in Chemistry.

2. The Scholarship shall be tenable for two years.

3. The second moiety of the second year's stipend shall be paid only after the Scholar has passed all the examinations for the Degree of B.Sc.

These regulations apply to students proceeding to the Degree of B.Sc. under the new regulations for that Degree.

Scholar—Robert M. Dyer, 1898.

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[1] Vacant through lapse of time.

ROBERT DONALDSON SCHOLARSHIPS.—Founded in 1887 by the trustees of the late Mr. Robert Donaldson, iron merchant. Glasgow, who left £2,000 to the Senate for two Scholarships for such scientific purposes as his trustees should approve. The following tentative scheme has been approved by the trustees :—

1. The income of the fund shall be devoted for two years alternately to Scholarships in Chemistry and Biology.
2. Each Scholarship shall be tenable for two years.
3. Students who have taken the Degree of B.Sc. in Glasgow University shall be eligible.
4. The appointment shall be made by the Senate on a report as to the merits of the candidate or candidates by the Professor of the subject.
5. The scholar appointed shall devote himself for two years in this University, or for one year in this University and the other in such place as the Senate may approve, to research in the subject in which he has obtained the Scholarship. The holder of the Scholarship in Biology shall have the option of selecting Zoology or Botany as the subject of research.
6. The Senate are not bound to make an appointment unless the candidate is in their opinion qualified.

The appointment in November, 1898, will be in Biology.

Scholar—[1] George Lean, B.Sc., 1896.

EGLINTON FELLOWSHIPS.—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating in a suitable manner his virtues and public services; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum as a Scholarship or Fellowship Fund in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the net yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall from time to time be fixed by the Senatus Academicus of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,[2] and the Fellowships shall be awarded by the Senatus Academicus of the University to those students who have shown themselves in a public competition to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the Senatus Academicus of the University, who shall fix the subjects of examination, and the relative value of each subject in the competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

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[1] Vacant through lapse of time.

[2] *i.e.* Either at the ordinary graduation in April or at the supplementary graduation in November.

The following are the regulations of the Eglinton Fellowships:—

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The competition for the Fellowship shall be open only to deserving students who shall have taken the Degree of Master of Arts in the University of Glasgow, at the term preceding the competition.[1] In the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

3. One of the Fellowships shall be open to competition in October, 1866, and thereafter triennially (1899); and the other in October, 1867, and thereafter triennially (1900).

4. The successful candidate shall undertake, during his tenure of the Fellowship, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. The Examination for the Eglinton Fellowship to be competed for in October, 1890, and thereafter sexennially (1902), shall be in Classics; and the Examination for the Eglinton Fellowship to be competed for in 1893, and thereafter sexennially (1899), shall be in Mental Philosophy.

The subjects of examination in Classics and Mental Philosophy respectively shall be the same as those for the Degree of Master of Arts with Honours.

6. The Examination for the Eglinton Fellowship to be competed for in October, 1897, and thereafter sexennially (1903), shall be in Mathematics and Natural Philosophy; and the Examination for the Eglinton Fellowship to be competed for in October, 1900, and

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[1] *i.e.* Either at the ordinary graduation in April or at the supplementary graduation in November.

thereafter sexennially, shall be in English (Language, Literature, and British History).

The subjects of examination in Mathematics and Natural Philosophy and in English respectively shall be the same as those for the Degree of Master of Arts with Honours.

7. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

The next ordinary competition will take place in October, 1899, the subject of examination being Mental Philosophy.

Fellows—Horace F. Wallace, M.A., 1896; James C. Ker, M.A., 1897.

William Euing Fellowships.—Founded in 1874 by Mr. William Euing, insurance broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships are open only to deserving students who have completed the regular curriculum in Arts, and taken the Degree of M.A. at this University, and are awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months in the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University—more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the course of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purpose by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships:—

1. In the department of Classics there shall be one Fellowship competed for in October, 1875, and thereafter at intervals of four years (1899), the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in October, 1876, and thereafter at intervals of three years (1900), the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in October, 1875, and a

Fellow appointed for two years; the Mathematical Fellowship becoming vacant in October, 1877, shall be filled up for a period of three years, the period for which the Fellowship in this department shall be ordinarily held.

In the event of a candidate being appointed to a vacancy to be filled for less than four years in the department of Classics, or for less than three years in the department of Mental Philosophy, or of Mathematics and Natural Philosophy, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than four years in all, or three years in all, respectively.

One of these Fellowships, value £100 per annum, will be open to competition in October, 1898. It will be tenable for three years, and the examination will be in Mathematics and Natural Philosophy.

Fellows—[1] William A. Lindsay, M.A., 1895 (Mathematics); Joseph F. M'Fadyen, M.A., 1895 (Classics); William Boyd, M.A., 1897 (Mental Philosophy).

EXHIBITION (1851) SCIENCE RESEARCH SCHOLARSHIPS.—Her Majesty's Commissioners for the International Exhibition of 1851 have instituted Science Scholarships, each of the annual value of £150, and tenable for two years, subject to the scholar's first year's work being deemed satisfactory by the Scientific Committee of the Commissioners. The nomination to a Scholarship has been placed at the disposal of this University in each year since 1891, and it is anticipated that similar arrangements will be made in future years.

Candidates must be British subjects, and must have been students of Science in some approved institution or institutions for a period of three years, at least the third year of the period having been spent in this University. Capacity for original research tending to advance Science or its applications is required as the main qualification. The Scholarships may be held at any University in England or abroad, or in some other institution approved of by the Commissioners; and every scholar will, in the absence of special circumstances, be required to proceed to an institution other than that by which he is nominated. He must devote himself to some particular scientific work in connection with those branches of Science, such as Physics, Mechanics, and Chemistry, the extension of which is especially important to our national industries. A sum of £25 is reserved from the fourth half-yearly instalment, and paid by the Commissioners on receipt from the Scholar, after the expiration of his Scholarship term, of a satisfactory report of his study and research during the term.

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[1] Vacant through lapse of time.

When a nomination falls to be made in any year, due notice will be given to enable candidates to lodge their applications with the Clerk of Senate before the beginning of April. Every application must be accompanied by a statement of the scientific study (including original research) in which the candidate has been engaged, and of the work to which he proposes to devote himself if appointed to the Scholarship.

Scholars—[1] William C. Henderson, M.A., B.Sc., 1896; James Muir, B.Sc., 1897.

FERGUSON SCHOLARSHIPS.—With a view to the encouragement of the higher learning in Scotland, the trustees of the late Mr. Ferguson, of Cairnbrock, out of his legacy of £50,000 for educational and other purposes, instituted in 1860 six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called "The Ferguson Scholarships."

The examination of candidates for three of these Scholarships will be held in Glasgow, on Tuesday, 27th September next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Psychology, Metaphysics, and Moral Philosophy.

Subjects for examination—

CLASSICAL SCHOLARSHIP. — *Latin* — Plautus, *Miles Gloriosus.* Lucretius, V., VI. Virgil, *Georgics.* Juvenal, *Satires*, I., III., IV., V., X., XI., XIV. Cicero, *Academica* and *Second Philippic.* Tacitus, *Histories*, I.–III. Pliny, *Letters*, III. Translation from Authors not prescribed. Latin Prose Composition.

Greek.—Homer, *Odyssey*, XIII.–XVIII. Pindar, *Olympian Odes.* Aeschylus, *Supplices*, *Agamemnon.* Aristophanes, *Knights*, *Wasps.* Thucydides, III., IV. Plato, *Phaedrus.* Demosthenes, *De Falsa Legatione.* Translation from Authors not prescribed. Greek Prose Composition.

Questions on Greek and Roman History, Literature, Language, and Antiquities. The Questions will bear chiefly on the books prescribed.

MATHEMATICAL SCHOLARSHIP.—*Mathematics.*—Euclid's Elements. Modern Geometry. Algebra, including Determinants, Finite Differences, and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in two and three dimensions. Differential and Integral Calculus, and Differential Equations.

Natural Philosophy.—Abstract Dynamics (commonly called Mechanics), including Kinematics and Statics and Kinetics of

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[1] Vacant through resignation of Scholar.

Solids and Fluids. Experimental Physics and Applied Mathematics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

PHILOSOPHICAL SCHOLARSHIP.—*Logic.*—Province and History of Logic. Notions, Judgments, and Inferences. Recent developments of Formal Logic. Fallacies. Theory and Methods of Scientific and of Historical Proof.

Psychology and Metaphysics.—The Phenomena and Laws of Mental Life and of its Development. Theory of Knowledge. Theory of Reality.

Moral Philosophy.—Psychology and Metaphysics of Ethics. Relations of Ethics to Law, Politics, and Economics. Applied Ethics.

History of Philosophy.—History and Critical Analysis of Ancient and Modern Systems of Philosophy.

The competition will be open to all persons who have passed the Examinations required for the Degree of Master of Arts in one of the Universities of Scotland (whether taking the degree at the same time or not); provided that, at the time of the competition, not more than six years have elapsed since the date of their first matriculation after having passed the Preliminary Examination,[1] and who have not already gained one of these Scholarships.

The Examinations will be conducted in writing, and the Scholarships awarded on the report of the Examiners as to the merit of the Candidates, but the minimum of 60 per cent. of the possible marks must be reached in order to entitle to a Scholarship.

The Scholarships, of £80 each per annum, are tenable for two years, subject to fulfilment of the following rule of the trustees :—

"Persons gaining the Scholarships will be expected, during "the tenure thereof, to prosecute studies in furtherance of "the higher learning; and those who have not graduated shall "be required to do so before the last payment is made."

Certificates will be granted to such of the unsuccessful competitors as, in the opinion of the Examiners, shall have taken a distinguished position in the Examinations.

Candidates are requested to give in their names, personally or by letter, at the Office of THE FERGUSON BEQUEST FUND, 94 Bath Street, Glasgow, before 1st September, 1898, and due intimation will be sent to those enrolled as to the place and hours of Examination.

The following Students of the University of Glasgow have obtained Ferguson Scholarships :—

1868, James Smith, Mathematical ; 1869, Archibald B. Cameron, Philosophical ; 1870, John Cross, Classical ; 1870, James Orr, Philosophical ; 1872, Wm. W. Waddell, Classical ; 1873, Thomas H.

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[1] Until Ordinance No. 11 can take effect, the six years will count from the first ordinary matriculation.

Millar, Mathematical; 1874, William Patrick, Philosophical; 1875, William Y. King, Classical; 1878, John M'A. Dodds, Mathematical; 1878, Thomas B. Kilpatrick, Philosophical; 1882, Robert F. Muirhead, Mathematical; 1883, James A. M'Callum, Philosophical; 1886, James Buchanan, Mathematical; 1886, Andrew F. Smith, Philosophical; 1888, Ernest F. Scott, Classical; 1889, Evan Keri Evans, M.A., Philosophical; 1890, Abraham Levine, M.A., Mathematical; 1891, James Holm, M.A., Mathematical; 1893, Horatio S. Carslaw, M.A., Mathematical; 1897, William Boyd, M.A., Philosophical.

Present Holders of the Scholarships.—Alfred C. Paterson, M.A., of Edinburgh University, Classics, 1896; John F. Cameron, M.A., of Edinburgh University, Mathematics, 1896; Alexander M. Mackay, M.A., of Aberdeen University, Mental Philosophy, 1896; Arthur B. Keith, M.A., of Edinburgh University, Classics, 1897; Malcolm C. M'Alpin, M.A., of Edinburgh University, Mathematics, 1897; William Boyd, M.A., of Glasgow University, Mental Philosophy, 1897.

FOULIS MEMORIAL SCHOLARSHIP.—This Scholarship was founded in 1882 in memory of the late David Foulis, M.D., Glasgow, who had distinguished himself in Pathology and Surgery, and died at the age of 35 years. It is to be awarded as often as the accumulated income from the invested funds amounts to £50. The next appointment will not take place until September, 1898. It is tenable by a graduate or licentiate whose professional education has, to the extent of not less than two years, been received at the University or one of the extra-mural schools of Glasgow; and who shall, in the opinion of the trustees, have manifested a capacity for original work in the department of Pathology. The purpose of the Scholarship is to assist in the prosecution of such work in one of the Medical Schools in or furth of Scotland, approved of by the trustees; and the trustees have power to determine whether it should be awarded by competition or otherwise.

The trustees are the Professor of Practice of Medicine in the University, the President and Visitor of the Faculty of Physicians and Surgeons of Glasgow, and the Pathologists of the Western and Royal Infirmaries. Further particulars may be obtained from Messrs. J. M. Taylor, Foulis & Co., 180 St. Vincent Street.

Scholar—William Primrose, M.B., C.M., 1896.

WILLIAM HOULDSWORTH RESEARCH STUDENTSHIP.—In March, 1898, Mr. William Houldsworth, merchant in Glasgow, in recognition of the distinguished services of his friend, Lord Kelvin, to the cause of scientific research, made over to the University the sum of £5600 invested in Great Eastern Railway Four per cent. Debenture Stock, to provide a Research Studentship in connection with the

Faculty of Science. Candidates must be students of at least two years' standing in the University of Glasgow. The studentship is tenable for two years, and the holder must prosecute his work with diligence and regularity so as to receive from the Professor of Natural Philosophy a certificate of creditable success. A proportion, viz., four-fifths, of the annual income is payable without deduction to the Research Student for personal expenses, and the remaining fifth part, after meeting the expenses of administration, is applied in payment of laboratory expenses and materials in connection with the Research Student's work, and in payment of his matriculation fees and of the fees for such Science Classes, if any, at the University as he may attend with the approval of the Senate. The said one-fifth part of the income must be expended at the sight and to the satisfaction of the Professor of Natural Philosophy or upon orders granted by him, and the Research Student is required to furnish the Professor with a statement showing the sums so expended in each session, and also during his tenure of the Studentship. Any surplus remaining over shall be added to the principal of the fund. In the event of the Studentship falling vacant otherwise than by lapse of time, the Senate may immediately make another appointment for a period not exceeding two years, and in the event of the Senate considering it not advisable at any time to make an appointment on the occurrence either of a casual vacancy or of a vacancy in regular course, the same may be deferred, and the income thus left unused shall be added to the principal of the fund.

When a vacancy occurs, the applications of candidates must set forth the particulars required by Ordinance No. 61, Section III. See page 132.

Research Student.—Vincent J. Blyth, 1898.

Lloyd's Register Scholarship.—In 1889 the general Committee of Lloyd's Register of British and Foreign Shipping intimated their intention of establishing a Scholarship of the yearly value of £50, tenable for three years by students of Naval Architecture in this University. In 1893 two additional Scholarships, each of the same value and tenure as the first, were announced. They are open to competition to candidates whose age does not exceed 23 years. Each candidate must produce satisfactory evidence that £50 a year would enable him to pursue his studies, and that he would be unable to do so unless this aid were afforded. The subjects of examination are the following:—Euclid, Books I. II. III. IV. VI. and XI.; Algebra, including Quadratic Equations, the three Progressions, and Binomial Theorem; Plane Trigonometry, with use of Logarithms; Elements of Statics, Dynamics, and Hydrostatics; Practical Shipbuilding; Mechanical Problems. A preference will be given to a candidate who possesses a thorough grammatical knowledge of English and of either French or German, although he may be somewhat deficient in the other subjects prescribed. One Scholarship will be open to competition in October, 1898. Names of Candidates to be sent to the Assistant Clerk (Matriculation Office) on or before 21st September, 1898.

Scholars—[1] Hugh M. Macmillan (1895), 1897; Charles S. Douglas, 1896; Charles La Torre, 1897.

LUKE FELLOWSHIP.—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, "to perpetuate the memory of his nephew George Rankin Luke" (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), "in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial." Professor Nichol exercised the discretionary power thus conferred on him by directing that the sum bequeathed should be applied to the founding of a Luke Fellowship. The following are the regulations :—

1. There shall be a single Luke Fellowship (of about £95 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second years.

2. The Luke Fellowship shall be awarded on examination on English Literature, and on prescribed periods in History.

3. The Luke Fellowship shall be open to competition in October, 1868, and thereafter triennially.

4. Competitors for the Luke Fellowship must be Masters of Arts of this University, of not more than three years' standing; provided always that students graduating at the supplementary graduation in November of any year shall, for all purposes, be held to have graduated at the ordinary graduation in the April immediately preceding.

5. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

6. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship; but in the event of a candidate's being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the Luke Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Ordinance No. 100 of the Universities Commission (1889) prescribes that the provisions of Ordinance No. 57 shall apply to the

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[1] Vacant through lapse of time.

Luke Fellowship, but provides that it shall not be a condition of tenure of the Fellowship that the holder shall give assistance in teaching the class of English Literature.

The next competition for the Luke Fellowship will take place in October, 1898. The subjects of examination will be:—(1) The History of English Literature, from Chaucer (inclusive); (2) the works of Shakespeare; (3) the outlines of British History to 1815; (4) the History of Great Britain and Ireland, either (*a*) from 1603 to 1714, with special reference to the following works:—Milton's *Reason of Church Government* and *Tenure of Kings and Magistrates*; Butler's *Hudibras*; Dryden's *Satires*; Swift's *Conduct of the Allies*: or (*b*) from 1714 to 1815, with special reference to the following works of Burke:—*Thoughts on the Present Discontents*, *Speeches on American Taxation*, *Reflections on the Revolution in France.*

MACKAY SMITH SCHOLARSHIPS.—One in Natural Philosophy, the other in Chemistry, each of the annual value of £48, and tenable for two years in the Universities of Edinburgh and Glasgow alternately. During sessions 1882-83 and 1883-84 they were held in the University of Edinburgh, and during sessions 1884-85 and 1885-86 in the University of Glasgow. The next examination will be held in this University at the close of session 1900-1. Candidates must have already attended, or must be then attending the class of Natural Philosophy or Chemistry respectively. The examination in Chemistry will be held along with the examinations for the Degree of B.Sc. (new regulations), and the examination in Natural Philosophy along with the examinations for M.A.

Scholars—Andrew Smith (Chemistry), 1897; William G. Strang, (Nat. Phil.), 1897.

MACKINNON SCHOLARSHIP.—By the will of the late Sir William Alexander Mackinnon, K.C.B., LL.D., Surgeon-General of Her Majesty's Army and Director-General of the Army Medical Staff, a sum of £2000, less legacy duty, was bequeathed to this University for the foundation of a Scholarship. The Scholarship is to be awarded to the person who shall in each year show the greatest proficiency in a competitive examination in (1) Geology, (2) Natural History (with Comparative Anatomy), and (3) Modern Foreign Languages, the examination in each subject to be held every third year. The subjects are to be taken in rotation, commencing in such order as the University authorities shall determine. In the event of the Scholarship not being awarded in any year, the amount of the Scholarship with any accumulations shall be added to the amount to form the Scholarship in the same subject on the recurrence of the examination therein.

METCALFE FELLOWSHIP.—Founded by the late Miss Sarah Metcalfe, Glasgow. (See under Metcalfe Bursaries, p. 276.)

The following are the regulations of the Metcalfe Fellowship :—

1. There shall be a Fellowship on the Metcalfe Foundation of the annual value of £100, tenable for three years, to be competed for in October, 1872, and thereafter triennially (1899).

2. Candidates must be Masters of Arts with Honours in the Group of Mathematics and Natural Philosophy, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall for all purposes be held to have graduated at the ordinary graduation in the April immediately preceding.

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the Group of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering, and Chemistry—as the Senate shall in each case prescribe.

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship ; and the holder of the Eglinton Fellowship shall not be allowed to compete for the Metcalfe Fellowship ; but in the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Fellow—George D. Valentine, M.A., 1896.

Reid Stewart Fellowship.—Mr. James Reid Stewart, Ironmaster, Glasgow, who died on 8th August, 1896, directed his Trustees to pay a legacy of £2000, under deduction of legacy duty, to the Senate, the free income of which is to be applied in and towards a Fellowship to be called the Reid Stewart Fellowship.

The following are the regulations :—

1. Candidates must be Masters of Arts who have taken the Degree of M.A. with Honours in either the Group of History or the Group of Economic Science, or be students presenting themselves for the final examination for the M.A. Degree with Honours in either of these Groups.

But no student shall be admitted to the examination after the expiry of more than two winter sessions from the time of his completing the course necessary for the Degree of M.A. with Honours in either of these Groups.

2. The papers set in the examination shall be the same as the

papers set for Honours in these Groups at the October examinations for Degrees in Arts, and the Examiners shall be the Examiners for the Degree of M.A. with Honours in these Groups. The Fellowship will be awarded for excellence in one Group, but not in both.

3. The Fellowship shall be tenable for three years, subject to the condition that the holder give his time and attention to the prosecution of his studies with a view to one of the learned professions, or to such professional or business avocation as may be approved of by the Senate.

4. In the event of a vacancy occurring otherwise than by lapse of time, it shall be in the power of the Senate to appoint, after competition under the same conditions as above, either for the unexpired period of the vacated Fellowship or for the full period of three years. If the Fellowship is offered for a period of less than three years, the conditions of competition and tenure shall be the same as those stated above, provided that no student shall be excluded from the competition who was eligible when the Fellowship was last offered for three years.

5. In the event of the Examiners reporting in any year that no candidate has done sufficiently well to deserve the Fellowship, no appointment shall be made on that occasion, but the Fellowship shall be offered for competition in the following year under the same conditions as in the case of a vacancy occurring otherwise than by lapse of time.

6. It shall not be competent for the holder of the Reid Stewart Fellowship to hold any other Bursary, Scholarship, or Fellowship, in this University, without the special leave of the Senate.

The first competition will take place in October, 1899.

SANDFORD SCHOLARSHIP.—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek language. Value about £20 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of March (1900), and is open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors :—Homer, 12 books ; Herodotus, 4 books ; Sophocles, 3 plays ; Thucydides, 4 books ; Æschylus, 3 plays ; Demosthenes, one or more orations ; Aristophanes, 3 plays ; Xenophon's *Memorabilia;* Pindar ; Plato, one or more dialogues.

Candidates are examined on not more than four of the abovementioned authors (of which Homer is always one)—two in prose and two in verse ; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

Scholar—John Harvey, 1898.

Scott Scholarship—(See under head "Scott Bursaries," p. 286). —This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years' standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. "The subjects of examination for the said Scholarship shall be, with the addition after-mentioned, Classics, or Mental Philosophy, or both of these, the special subjects being those for the examination for the M.A. degree with Honours in the given department or departments for the year, and in addition to the examination above mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass." The Scholarship will be open to competition in October, 1898. The examination will be in Classics and in English Literature (not Language) from Chaucer downwards.

Scholar—[1] Alexander Smith, 1896.

Shaw Philosophical Fellowship.—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the Parish of Riccarton, and County of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is open to the competition of the Graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely :—

1. The said Fellowship shall bear the name of "The Shaw Philosophical Fellowship," in memory of the said Sir James Shaw, Baronet.

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[1] Vacant through lapse of time.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities—that is to say, the University of Edinburgh, the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only, but the said Senatus Academicus of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University of Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the Examiners shall be appointed by the Senatus Academicus of the University of Edinburgh, either from among the members of the said Senatus or others, as they may think proper, and the other Examiner shall be appointed by the Senatus Academicus of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the Senatus Academicus of the University of Edinburgh, who shall, as Patrons of the said Fellow-

ship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand One Hundred Pounds, and of any addition of the said sum which may hereafter be made thereto, as after-mentioned, after deducting all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary, in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the Senatus Academicus of the University of Edinburgh to require the holder of the Shaw Philosophical Fellowship during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded ; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them ; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

Present Fellow—[1]Henry Barker, M.A. (of Edinburgh University), 1893.

SNELL EXHIBITIONS.—In the year 1677, Mr. John Snell of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the Foundation should thereby be increased beyond fourteen, in which case not more than two were to be elected, the Exhibition being tenable for five years ; but by an agreement of date 2nd April, 1878, under provisions of the same scheme, the following regulations were sanctioned :—

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[1] Vacant through lapse of time.

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December, 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would be thereby increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

By a subsequent agreement of date 21st January, 1886, the following modifications were made:—

1. The value of the Snell Exhibitions shall be reduced to £80 a year.

2. They shall be held, as heretofore, for five years, but the whole sum of £400 will be paid to each Exhibitioner during the first three years of his tenure in equal annual sums, but a moiety of the last annual payment shall be kept back, if the authorities of Balliol College think fit, until the Exhibitioner shall have taken his Degree.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided[1] as Undergraduate Students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year; but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scotch University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st December, 1898. The next examination will be held in March and April, 1899, on the same days and at the same hours as the Examinations for the Degree of M.A. with Honours, the English paper being taken on Saturday, 1st April, at 10 A.M.

The subjects of examination are as follows:—

IN LATIN, GREEK, LOGIC, MORAL PHILOSOPHY, AND HISTORY.

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[1] By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purpose of the Snell Trust, be constituted by regular attendance as a public student for the complete winter session on not less than two of the classes in the curriculum for the Degree of Arts.

—The subjects of examination for the Degree of M.A. with Honours.

IN NATURAL PHILOSOPHY AND MATHEMATICS.—The subjects of examination for the Ordinary Degree of M.A., and higher subjects which any candidate may express a wish to be examined in.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the four groups, viz.: Classics, Mental Philosophy, Mathematics and Natural Philosophy, and History; that a candidate may be appointed for decided excellence in any one department alone; and if such excellence in some one of the departments be not displayed by three of the candidates, the Senate will either appoint a candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time. Candidates who do not offer Classics will be required to show such a knowledge of Latin and Greek as to prove their ability to pass Responsions at Oxford.

Exhibitioners—William Gow, 1894; William K. Gillies, 1895; George S. Adams, 1896; Peter W. Monie, 1897; Samuel F. H. Mackay, 1898.

THOMSON EXPERIMENTAL SCHOLARSHIPS.—Three Scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson (now Lord Kelvin), LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal of date September 6th, 1869, in which, after referring to "the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise," and the "facilities for experimenting which the College had afforded him," he states that "he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University," and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy from among students who have previously shown their zeal and ability in Experimental Investigations in the Physical Laboratory, and they are required to engage in the continual prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

Scholars for 1898-9—William H. Ballantyne, Robert J. T. Bell, Alexander Wood.

3.—*PRIZES.*

Besides the class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public-spirited individuals has founded for the encouragement of learning in the University.

The names of the Prizemen for Session 1897-98 will be found in the Degree and Prize List.

INDEX.

FOUNDATION.	NATURE OF PRIZE.	AWARDED FOR
Arnott,	£25 and £15,	Examinations.
Brunton Memorial,	£10,	Do.
Buchanan (3),	Books,	Do.
Cleland,	Gold Medal,	Do.
Cleland & Rae Wilson,	Four Gold Medals,	Do.
Coulter,	Two at £5 each,	Essays.
Cowan,	Three Gold Medals,	Examinations.
Cunninghame,	Gold Medal,	Do.
Dickson Prize,	Books,	Do.
Dobbie-Smith,	Gold Medal (biennial),	Essay.
Dowanhill,	£21 and £10 10s.,	Elocution.
Ewing,	Gold Medal (biennial),	Essay.
Findlater,	£38,	Examination.
Gartmore,	Gold Medal (biennial),	Essay.
Gladstone Historical	£21 (biennial),	Examination.
Harvey, George,	£14,	Do.
Henderson,	£21,	Essay.
Jamieson,	£10,	Examination.
Jeffrey,	Gold Medal,	Do.
Kirk Memorial,	£12,	Do.
Logan, Thos., Memorial,	Gold Medal and £12,	Do.
Luke Historical,	£9 (biennial),	Do.
Macfarlan and Cook,	£21,	Do.
Macleod,	Gold Medal,	Do.
Muirhead,	Books,	Do.
Muirhead, G. Roger,	£2 5s.,	Do.
Nichol Memorial,	Books,	Do.
Reid, John,	£25,	Original Research.
Ross, Robert (2),	Med., books, or money,	Examinations.
Scott-Macfarlan,	Gold Medal,	Examination.
University,	Silver Medal,	Essay.
Walker (4),	Books, etc.,	Examinations.

ARNOTT PRIZES.—Founded in 1869, by Dr. Neil Arnott of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the Medical students of the University.

By resolution of the Senate of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations—one in General

Physics, for students of the first and second years of their Medical studies; the other for students of the third and fourth years, in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences; that a sum of not less than Twenty-five pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examination.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant Clerk (Matriculation Office); and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 8th October, 1898, in the Examination Hall, at 2 P.M. Intending candidates to give in their names to the Assistant Clerk (Matriculation Office) on or before 21st September.

BRUNTON MEMORIAL PRIZE.—Founded in 1879, in memory of the late Duncan M. Brunton, M.A., M.B., Paisley, a distinguished graduate of this University, who died on 16th November, 1876, of fever, contracted in the diligent discharge of his professional duties in the Royal Infirmary of Paisley. The Committee of Subscribers paid over to the Senate the sum of £300, the interest of which is to be given annually to the most distinguished graduate in Medicine of the year.

BUCHANAN PRIZES.—A Bursary was founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University during the long period of forty years. The fund consists of a sum of £314 raised by subscription. The Buchanan Bursaries having been founded under the Will of Professor Buchanan, the proceeds of this fund are now, with the sanction of the subscribers, applied to the purchase of books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

CLELAND AND RAE WILSON GOLD MEDALS.—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity, and a student of Natural Philosophy, as a prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

Dr. William Rae Wilson of Kelvinbank, who died 2nd June, 1849, founded a Gold Medal to be bestowed upon the Divinity student who should produce the best Essay on the Life of Christ.

These foundations are now regulated by Ordinance No. 97 of the Universities Commission (1889). The Cleland Gold Medal, not exceeding ten guineas in value, is awarded to the most distinguished student in the class of Natural Philosophy in each year. The remainder of the free income of the Cleland Foundation is added to the total free income of the Rae Wilson Foundation, to provide four Gold Medals of equal value. These medals are awarded in each year as follows:—One to the most distinguished student in each of the classes of (1) Divinity, (2) Ecclesiastical History, (3) Hebrew and Semitic Languages, and (4) Divinity and Biblical Criticism. In the event of there being no student of sufficient distinction in any of these classes, the proportion of the income for that year may be applied towards the promotion of theological study in such manner as the Senate may decide.

COULTER PRIZES.—In 1787 Mr. James Coulter, merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes of £5 each; the one to be given in alternate years for a Sermon or Theological Essay, and for an Essay on Mental Philosophy and English Literature, the other to be given annually for a translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all matriculated students of the University.

COWAN GOLD MEDALS.—In 1836 Dr. Cowan of Sunderland presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of about £10 each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839) the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The examination for Dr. Cowan's Blackstone Medals will be held early in November, 1898. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal—1. A candidate must have received a Certificate in the Greek Class for session 1897-98.

2. Every candidate will be required to answer a Preliminary Paper, consisting of unprepared passages for translation.

3. Two or more candidates, selected by this paper, will on a subsequent day be examined orally in the books which they offer.

4. Each selected candidate must offer for the Oral Examination (i.) one Verse Subject, (ii.) one Prose Subject. (i.) The Verse Subject must be *either* five books of Homer, *or* two Greek plays (tragedies or comedies). (ii.) The Prose Subject may be any *one* of the following:—(*a*) Herodotus—two books; (*b*) Thucydides—two books; (*c*) Plato—two dialogues, or two books of the *Republic*; (*d*) Aristotle—two books of the *Ethics*, of the *Politics*, or of the *Rhetoric*.

5. Any member of the Greek Class for session 1898-99 is at liberty to go in for the Preliminary Paper, even though he is not a candidate for the Cowan Medal; and if he acquits himself with distinction in that paper, his name will be mentioned when the award of the Medal is announced.

For the Latin Medal, competitors must in the session preceding the competition have received a public ticket of the Latin Class.

Notice is hereby given, that at the examination for Dr. Cowan's Medals in November, 1892, and thereafter, no one will be admitted to compete for the Greek Cowan Medal who has attended for more than three sessions, or who, after passing the preliminary examination in Greek, has attended for more than two sessions in any Scottish University, and no one shall be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who, having been admitted to the Senior Class in consequence of having passed the preliminary examination in Latin, has attended for more than one session in any Scottish University.

CUNNINGHAME GOLD MEDAL.—In 1886 Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, bequeathed to the University, *inter alia*, £350, free of legacy duty, with directions that the annual revenue thereof should be applied in purchasing a Gold Medal as a prize in the class of Mathematics.

DICKSON PRIZE.—In 1895, when Professor Dickson retired from the Chair of Divinity, his former students presented him with a testimonial consisting of silver plate and a cheque for £120. This sum was handed over by Dr. Dickson to the University Court, that the free annual income might be applied in the form of a prize of serviceable books to accompany the gold medal given to the most distinguished student of the year in the class of Divinity. In accordance with the wish of the subscribers the prize has been called the Dickson Prize.

DOBBIE-SMITH GOLD MEDAL.—In 1881 Mr. Thomas Smith, L.R.C.S.E., Heriot Hill House, Edinburgh, presented to the University, in memory of his wife, lately deceased, the sum of £150 for the purpose of founding a University Gold Medal of about £10 in value, to be given biennially for the encouragement of the study of Botany. The competition is open to all Matriculated Students of the session in which the Medal is to be awarded; the subject of competition—which shall always be a Botanical subject—to be selected by the Professors of Botany and Natural History, and announced at least eighteen months before the date fixed for receiving essays.

The next competition to be on any subject within the limits of the Science of Botany. The treatment of the subject to show original work, and each essay to be accompanied by an illustrative series of macroscopic and microscopic specimens. Essays to be given in to the Principal on or before 30th September, 1898.

DOWANHILL PRIZES.—Two prizes, one of £20, and the other of £10, for "Excellence in the Art of Oratory and Declamation, and in the practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865 by Mr. John Buchanan, merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also merchant in Glasgow, and in order to carry out the intentions of his said brother. These prizes are awarded annually to Students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.[1]

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[1] See note under Faculty of Theology, *supra*.

The above foundation is in memory of the late Mr. James Buchanan of Dowanhill, of Ellison MacCallum, his wife, and of Mr. George Buchanan of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

EWING GOLD MEDAL.—In 1828 James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal to be given every second year for the best essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

FINDLATER (DIVINITY) SCHOLARSHIP OR PRIZE.—This Scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations have been adopted by the Senate:—

1. The Findlater Scholarship shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

The next competition will take place in October, 1898, and March, 1899. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 19th October, 1898.

GARTMORE GOLD MEDAL.—In 1788 Mr. Robert Graham of Gartmore presented the University with £100 for the institution of a Prize for the best essay on any subject intimately connected with the nature, foundation, advantages, and support of political liberty. This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The founder directed that the surpluses should be accumulated till a capital was formed sufficient to found a Bursary.—See Gartmore Bursary, p. 254.

GLADSTONE HISTORICAL PRIZE.—Founded in 1880 by the Gladstone Club, in commemoration of the election in 1877 of the Right Honourable William Ewart Gladstone, M.P., as Lord Rector of Glasgow University, and in recognition of his distinguished career as a scholar, author, statesman, and orator. The following are the regulations:—

1. The prize shall be given for the best examination in English History.

2. The examination shall be held biennially.

3. The value of the Prize shall be Twenty Guineas.

4. The competition shall be open to Graduates of Glasgow University of not more than two years' standing from the date of their

first graduation. The eighth competition will take place in January, 1900. Names of competitors to be given in to the Assistant Clerk (Matriculation Office) not later than 1st December, 1899.

George Harvey Prize.—Founded in 1874, by the liberality of a donor who has withheld his name, in memory of the late Mr. George Harvey of No. 9 Park Quadrant, Glasgow. Present annual value £14, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of applied Mechanics and Shipbuilding. Any accumulation of surplus income to be given as a second prize of £5 or £10 in the same department.

Henderson Prize.—In 1850 Mr. John Henderson of Park, merchant in Glasgow, instituted an annual prize of the value of £21 sterling, to be called the "Henderson Prize," for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath. The Universities Commission (1889), by Ordinance No. 101, altered the conditions and directions affecting this prize. It is now to be awarded for the best essay on a subject to be fixed by the Faculty of Divinity, provided always that in every third year at least, the subject shall relate to the Divine authority and practical value and influence of the Sabbath. The competition is to be open to Masters of Arts of not more than five years' standing, as well as to matriculated students of theUniversity.

Jamieson Prize.—In 1854 a subscription list was opened for the foundation of a prize or scholarship in Divinity, but the commercial difficulties of the following years prevented the purpose of the promoters being carried out at the time. In 1881 the sum subscribed, amounting, with accumulated interest, to £319 6s. 4d., was handed over to the University, and the Senate resolved to connect it with the name of the Convener of the Committee of subscribers, the Rev. Robert Jamieson, D.D., formerly minister of St. Paul's Church, Glasgow.

The following regulations have been adopted by the Senate :—

1. The Jamieson Prize shall be awarded annually by competition.
2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.
3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.
4. The Prize shall not be awarded to any one who has gained a Scholarship or Fellowship in Divinity.

The next competition will take place in October, 1898, and March, 1899. Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 19th October, 1898.

JEFFREY GOLD MEDAL.—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal and continued to do so annually.

In 1849 Lord Jeffrey presented the University with the sum of £120 for a Gold Medal to be awarded each session to the most distinguished student of the Greek Class.

KIRK MEMORIAL PRIZE.—A sum of £402 was collected in 1893 by various friends of the late Alexander Carnegie Kirk, LL.D., formerly President of the Institution of Engineers and Shipbuilders in Scotland, for the purpose of founding a prize in his name, in connection with the Naval Architecture Class in the University. The free annual income of the foundation is awarded annually as a prize. The competition is open to students who have, in the session of competition, attended the Senior Class of Naval Architecture, and who are completing the Final Science Examination under Ordinance No. 23, Glasgow No. 2, embracing (*a*) Naval Architecture with Marine Engineering, and (*b*) Practical Work in Ship and Marine Engineering Drawing, the award being determined by the proficiency shown in (*a*) and (*b*). Should two or more candidates be reported equal, the Senate may divide the Prize, or prescribe a further examination. The subscribers have given the Senate power to convert this Prize into a Bursary, should it be found expedient or advantageous to do so at any future time.

LIVINGSTONE GOLD MEDAL.—In 1897 Mr. Allan Wyon, Chief Engraver of Her Majesty's Seals, London, offered to present annually as a memorial of David Livingstone, LL.D., the missionary explorer in Africa, a Gold Medal, between £8 and £9 in value, to the matriculated student of either sex who should write the best essay on some subject connected with Christian Missions to the Heathen.

THOMAS LOGAN MEMORIAL MEDAL AND PRIZE.—Mr. David Logan, fruiterer, Glasgow, who died on 19th May, 1886, directed his trustees to pay to the Senate the sum of £500, free of legacy duty, to found a Gold Medal and Prize in memory of his brother, Thomas Logan. The Medal is of the value of £5, and the Prize consists of the balance of the annual proceeds given in money. They are awarded annually in November to the most distinguished graduate in Arts of the year.

LUKE HISTORICAL PRIZE.—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient History and Literature. The examination to be conducted either altogether in writing, or by combination of writing and *vivâ voce* questions ; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an examination in Ancient Greek and Roman History.

The next competition will be held in January, 1899. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during session 1897-98 any Greek or Latin Class.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st December, 1898.

MACFARLAN AND COOK TESTIMONIAL PRIZE.—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D. of this University, and Professor George Cook, D.D. of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological Student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

MACLEOD MEDAL.—In 1895 Lady Macleod instituted this Gold Medal in memory of her husband, Sir George Husband Baird Macleod, M.D., LL.D., Regius Professor of Surgery in this University from 1869 to 1892. The competition is open only to those who have attended the classes of Systematic and Operative Surgery taught by the Regius Professor of Surgery in the University, and women students are not eligible. The Medal is awarded yearly to the student who most distinguishes himself in the work (written, oral, and practical) of these classes.

MUIRHEAD PRIZES.—In 1776 Messrs. John Muirhead of Teggetsheugh, and Peter Muirhead, minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in purchase of books to be awarded as prizes to those students attending the Humanity Class who shall be thought most deserving.

GEORGE ROGER MUIRHEAD PRIZE.—In 1896 a sum of £100 was bequeathed to the University by Mrs. Elizabeth Lockhart Roger or Muirhead, Glasgow, to found a prize in the Chemistry class in memory of her son, George Roger Muirhead, who studied Chemistry in this University. The free annual income is paid annually to the medallist of the Chemistry class for the year.

Nichol Memorial Prize.—In 1895 Mrs. Jack presented the University with the sum of £150 for the purpose of founding a prize, to be called the "Nichol Memorial Prize," in memory of her brother, John Nichol, LL.D., Professor of English Language and Literature in this University from 1862 till 1889, who died in London on 11th October, 1894, and especially in commemoration of the active interest which he took in the teaching of English Literature to women in Glasgow and elsewhere. The free income of the fund is applied annually to providing a first prize for the English Literature Class in Queen Margaret College.

Rae Wilson Gold Medal.—(See Cleland and Rae Wilson, p. 320.)

John Reid Prize.—A Prize of the value of £25 was founded in 1882 by Miss Mary Reid, Renfrew Street, Glasgow, in memory of her brother, the late Mr. John Reid, surgeon, 150 Renfrew Street, Glasgow. The prize will be awarded for the best original research conducted in one of the Hospitals or Scientific Laboratories in Glasgow, bearing on any department of Medical Science. The competition is open to registered students of medicine of not less than two years standing; and to qualified medical men of not more than two years' standing, who (1) are still attached as *bonâ fide* students to one of the Glasgow Medical Schools, who (2) are not engaged in practice, and who (3) undertake to give up the prize if they enter on practice while holding it. All candidates are required to produce evidence of having attended a regular course of instruction, in one of the medical schools of Glasgow, on *four* of the following subjects:—Medicine, Clinical Medicine, Surgery, Clinical Surgery, Materia Medica, Physiology, Pathology—such course of instruction having been received, in whole or in part, within three years of competing for the prize. The prize may be awarded for one, two, or three years, according to the value of the work done.

Further information may be obtained from Mr. John Hurll, jun., writer, 121 West Regent Street, Glasgow.

Robert Ross Prize.—The late Robert Ross, Esq., writer, Glasgow, by his Will, dated 1880, bequeathed to the Dean and Council of the Faculty of Procurators, Glasgow, the sum of £500, to be held by them in trust, "to the end that the free annual income thereof shall be applied as an annual prize in the form of a medal, of books, or of money, as the Dean and Council may determine, to a student in each of the Scots Law Class and the Conveyancing Class of the University of Glasgow in equal proportions, such prize to be awarded for eminence displayed, either in the general business of the class or in any other manner in which the said Dean and Council may prescribe."

SCOTT-MACFARLAN GOLD MEDAL.—Founded in 1870 by Miss Scott, daughter of the late Rev. Robert Allan Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called the "Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session; the medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek Class, Miss Scott consented to give the "Scott-Macfarlan" Medal to the best student in the middle class.

UNIVERSITY MEDAL.—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

WALKER PRIZES.—Four Prizes (consisting of Books or Instruments) to be competed for each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861 by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the class of Civil Engineering and Mechanics during the current session.

The competitors are examined orally and in writing; and two of the prizes are awarded on the results of the written examinations; the other two by votes of the class.

WATT PRIZE.—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study, to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who had completed, or who, at the end of the session in which the Prize fell to be awarded, should have completed a regular course of study in Languages and Philosophy, might be competitors. By Ordinance No. 93 of the Universities Commission (1889), issued on 15th February, 1895, and approved by Her Majesty in Council on 13th August, 1895, it is provided that the Watt Prize shall be discontinued, that the funds shall be allowed to accumulate for four years from the date of the Ordinance, and that thereafter a James Watt Scholarship in Engineering shall be established.

LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION 1898-99.

A.—FACULTY OF ARTS.

1.—BURSARIES.

The following is a summary of the principal provisions of Ordinance No. 57[1] of the Universities Commission (1889) relating to the Bursary competition:—

The subjects of the examination for open Bursaries in Arts of the first year shall be the subjects prescribed for the Arts Preliminary, of which subjects candidates may select not more than five. Candidates who select Latin, Greek, or Mathematics, must take the papers of the higher standard in those subjects. In determining the marks to be assigned to the several subjects of examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senate may from time to time prescribe.

No Candidate shall, except as hereinafter provided, obtain an open Bursary in Arts who shall not have passed the Preliminary Examination in Arts; provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to an open Bursary in Arts a Candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

No student who has during a winter or summer session attended in any Scottish University any class qualifying in his case for graduation in Arts or Science, shall be eligible to compete for Bursaries of the first year in Arts or Science.

Candidates for Bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts, and no Bursary shall, except as hereinafter provided, be awarded to any Candidate who shall not have passed the Preliminary Examination in Arts: provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to a Bursary in Arts not awarded by open competition a Candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as Bursar.

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[1] The full text of this ordinance is printed at pp. 228-232.

N.B.—For the Bursaries open to women students see pp. 232-236.

FOR STUDENTS ENTERING THE FIRST SESSION IN ARTS.

1. *Black Bursary*, annual value £21, tenable for four years—open.

2. *Ebenezer Brown Bursary*, annual value £40, tenable for three years—open.

3. *Buchanan Bursary*, annual value £13, tenable for three years—open.

4. *Forfar Bursary*, annual value £36, tenable for four years—open.

5. *Gartmore Bursary*, annual value £21, tenable for three years—open.

6. *General Council Bursary*, annual value £20, tenable for three years—open.

7. *Hastie Bursary*, annual value £25, tenable for four years—open.

8. *Scott Bursary*, annual value £25, tenable for four years—open.

9, 10, 11, 12, 13, and 14. *Six John Clark (Mile-End) Bursaries*, annual value £30 each, tenable for four years, for Protestant students, sons of Protestant parents.

15. *Barbour Kilbarchan Bursary*, annual value about £18, tenable for three years, open only to candidates not exceeding 18 years of age from Kilbarchan Public School.

16. *Biggart Memorial Bursary*, annual value £25 each, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

17. *Brand Bursary*, annual value £22, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

18. *Brown-Paton Bursary*, annual value about £16, tenable for three years. Preference to natives of Loudon or Galston, whom failing, to natives of any other part of Ayrshire.

19. *Archibald Craig Bursary*, annual value £9, tenable for two years, for students who are natives of Eaglesham or Mearns, or who for two consecutive years have attended school in either of these parishes.

20. *Denny Bursary*, annual value £30, tenable for four years, for students from Dumbarton Burgh Academy. [Tenable in any Faculty.]

21. *Craig Bursary*, annual value £25, tenable for four years. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

22. *James Ewing Entrance Bursary*, annual value £20, tenable for four years, for sons of Glasgow merchants. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

23. *Merchants' House Bursary*, annual value £25, tenable for four years. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

24 and 25. *Two Fullarton of Overton Bursaries*, annual value £22 each, tenable for two years, for students under 25 years of age, from the district of Cunninghame, in Ayrshire. Subjects for Examination—Latin, Elementary Mathematics, and English.

26. *Hamilton Educational Trust Bursary*, annual value £15, tenable for three years, open to pupils attending public or State-aided schools in the burgh and Parish of Hamilton. Apply to Mr. Patrick Keith, Writer, Hamilton, before the first day of September.

27. *Hannay Bursary*, annual value about £15, tenable for three years, for students preparing for the Ministry of any Evangelical Religious Denomination in Scotland. Apply to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September.

28 and 29. *Two Glasgow Highland Society's Bursaries*, annual value £20 each, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September.

30 and 31. *Two Glasgow City Educational Endowments Bursaries*, annual value £25 each, tenable for four years, for students from public or State-aided schools in Glasgow. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

32, 33, 34, 35, and 36. *Five Hutchesons' Educational Trust Bursaries*, annual value £20 each, tenable for four years, for students who have attended for at least two years immediately preceding the competition, and completed the curriculum in the secondary department of Hutchesons' Grammar School. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

37 and 38. *Two James Laing Bursaries*, annual value £25 each, tenable for four years, for students of either sex who have been educated for at least three years in a school or schools in Stirlingshire. Apply to Mr. William Jenkins, Writer, Denny, before the first day of September.

39. *M'Culloch Bursary*, annual value £17, tenable for four years, for students educated not less than three years at a school or schools in Greenock.

40, 41, 42, and 43. *Four Marshall Trust Bursaries*, annual value £30 each, tenable for five years, for students of either sex from public or State-aided schools in Lanarkshire or Stirlingshire. Apply to Mr. Wm. Mitchell, 134 Wellington Street, Glasgow, before the first day of September.

44. *Pollock Bursary*, annual value £40, tenable for three years. Preference to candidates educated in Paisley.

45. *Ramsay Walker Bursary*, annual value £12, tenable for four years, for students preparing for the Ministry of the Church of Scotland. Preference to kin of Founder; whom failing, to students of the name of Walker; whom failing, to natives of Glasgow.

46. *Stevenson of Dalry Bursary*, annual £32, tenable for four years, for students preparing for the Ministry of the Church of Scotland. Preference to natives of Dalry in Ayrshire; whom failing, to natives of Bannockburn or St. Ninians in Stirlingshire.

47. *William Whyte Bursary*, annual value £25, tenable for four years, open to students who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Apply to Messrs. Hill & Hoggan, 194 Ingram Street, on or before the first day of September. [Tenable also in Law or Medicine.]

48. *James Thomson Philosophical Bursary*, annual value £11, tenable for two years. The subjects of examination are the same as the English Literature subjects for the Lorimer Bursary, No. 53. Candidates must not have attended the Logic, Moral Philosophy, or English Literature Class, and must not have studied at any other Scottish University.

FOR STUDENTS ENTERING THE SECOND SESSION IN ARTS.

Nos. 2, 4, 6, 8, 17, 21, 24, 25, 37, 38, 46, 48 in the preceding list.

49. *Park General Council*, annual value £20, tenable for two years—open.

50 and 51. *Two James A. Paterson Bursaries*, annual value £40 and £20 respectively, tenable for three years, for students preparing for the Ministry of the United Presbyterian Church. The subjects of examination are Greek and Hebrew, as detailed at page 282.

52. *Lorimer Bursary*, annual value £25, tenable for three years. The examination will take place along with the Arts Preliminary Examination in Mathematics, but may embrace higher papers.

53. *Lorimer Bursary*, annual value £25, tenable for three years. Subjects of examination—1. *Logic:* (*a*) Descartes, *Meditations* (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the Pre-Socratic period. 2. *English Literature:* (*a*) Shakespeare's *As You Like It:* (*b*) Tennyson's *Idylls of the King*.

FOR STUDENTS IN ARTS WITHOUT RESTRICTION TO A PARTICULAR SESSION.

54. *Monteith Bursary*, annual value about £14, tenable for three years. Open only to natives of Scotland and sons of Scottish parents. Examination in German.

55. *Muir Junior Bursary in Mathematics*, annual value £10, tenable for sessions 1899-1900, 1900-1. The appointment will be determined by the results of the written examinations passed in the course of the session 1898-99 by the public students of the Second Class of Mathematics.

56. *Muir Senior Bursary in Mathematics*, annual value £20, tenable for session 1899-1900. The appointment will be determined by the results of the written examinations passed in the course of the session 1898-99 by the public students of the Intermediate Honours Mathematical Class.

57. *James Ferguson Bursary*, annual value £85, tenable for two years. Preference, *cæteris paribus*, to natives of Lesmahagow or Muirkirk, or Pictou, Nova Scotia, and also to students of the name Ferguson or Weir, or to the kin of the Founder. The examination is the same as that for Honours in Classics.

58. *Armagh Bursary in Classics*, annual value £45, tenable for three years in Theology, Law, or Medicine. Open to students who are presenting themselves for the final examination for the degree of M.A. with Honours in Classics.

2.—FELLOWSHIPS, SCHOLARSHIPS, ETC.

59. *George A. Clark Scholarship in Mental Philosophy*, annual value about £170, tenable for four years. Open to Glasgow Masters of Arts with Honours, or students presenting themselves for the M.A. degree with Honours in Classics, but no student shall be eligible for the examination after the

expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. degree.

60. *John Clark (Mile-End) Scholarship in Mathematics and Natural Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

61. *William Euing Fellowship in Mathematics and Natural Philosophy*, annual value £100, tenable for three years. Open to Glasgow Masters of Arts.

62 and 63. *Two Breadalbane Scholarships*, annual value £50, tenable for three years. Open to Glasgow Masters of Arts or Bachelors of Science in Engineering Science who have graduated within a period of not more than three years preceding the competition.

64. *John Clark (Mile-End) Scholarship in English*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

65. *John Clark (Mile-End) Scholarship in History*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

66. *Scott Scholarship*, annual value £80, tenable for two years. Open to Glasgow Masters of Arts. Examination in Classics and in English Literature (not Language) from Chaucer downwards.

67. *Luke Fellowship*, annual value about £95, tenable for three years. Open to Glasgow Masters of Arts. Examination in English Literature and History. See p. 310.

68. *Snell Exhibition*, annual value about £133, tenable for three years. Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided as undergraduate students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland."

69. *Luke Historical Prize* of £10, open to all students who have attended, during session 1897-98, any Greek or Latin Class.

70. *Thomas Logan Memorial Medal and Prize* of £12 will be awarded in November to the most distinguished graduate in Arts of the year.

DATES OF EXAMINATIONS.

The examinations for Bursaries Nos. 1 to 47 and 49 in the above list will commence on Friday, 30th September, at 2 p.m. The examination papers will be given in the following order, viz. :—

On Friday,	30th	September,	2— 5 p.m.,	Italian.
On Saturday,	1st	October,	9—11 a.m.,	English (1st paper).
,,	,,	,,	12— 2 p.m.,	English (2nd paper).
,,	,,	,,	3— 6 p.m.,	Lower Greek.
On Monday,	3rd	,,	9—12 noon,	Lower Latin.
,,	,,	,,	2— 5 p.m.,	Lower Mathematics.
On Tuesday,	4th	,,	9—11 a.m.,	Higher Latin (1st paper).
,,	,,	,,	12— 2 p.m.,	Higher Latin (2nd paper).
,,	,,	,,	3— 4.30 p.m.,	French (1st paper).

On Wednesday,	5th	October	9—11 a.m.,	Higher Greek (1st paper).
,,	,,	,,	12—2 p.m.,	Higher Greek (2nd paper).
,,	,,	,,	3—4.30 p.m.,	German (1st paper).
On Thursday,	6th	,,	9—11 a.m.,	Intermediate and Higher Mathematics (1st paper).
,,	,,	,,	12—2 p.m.,	Do. (2nd paper).
,,	,,	,,	3—5 p.m.,	French (2nd paper).
On Friday,	7th	,,	9—11 a.m.,	German (2nd paper).
,,	,,	,,	1—4 p.m.,	Dynamics.

The examination for Bursary No. 48 will be held on Friday, 14th October, at 10 a.m.; for Bursaries Nos. 50 and 51, on Tuesday, 25th October, at 10 a.m., and Wednesday, 26th October, at 2 p.m.; for Bursary No. 52, on Thursday, 6th October, at 9 a.m. and 12 noon; for Bursary No. 53, on Wednesday, 12th October, at 10 a.m., and on Friday, 14th October, at 10 a.m.; for Bursary No. 54, on Wednesday, 5th October, at 3 p.m., and Friday, 7th October, at 9 a.m.

The examinations for the Bursaries, Scholarships, and Fellowships Nos. 57 to 67 inclusive, in the above list, will be held along with the examinations for Honours in the several departments for the Degree of M.A. in October, 1898; for No. 68, along with the examinations for Honours in March and April, 1899, the English paper being taken on Saturday, 1st April, at 10 a.m.; and for the Prize No. 69 in January, 1899.

DATES FOR SENDING IN APPLICATIONS.

Candidates for the Bursaries Nos. 1 to 52 inclusive and No. 54 are required to give in their names to the Assistant Clerk (Matriculation Office), not later than Monday, 12th September; and for Bursary No. 53, not later than Wednesday, 21st September. A schedule, which is to be filled up by each candidate, may be obtained from the Assistant Clerk (Matriculation Office). Candidates for the Bursaries Nos. 21 to 23 must, besides, give in their names to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September; for No. 26, to Mr. Patrick Keith, Writer, Hamilton, before the first day of September; for No. 27, to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September; for Nos. 28 and 29 to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September; for Nos. 30 to 36, to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September; for Nos. 37 and 38 to Mr. William Jenkins, Writer, Denny, before the first day of September; for Nos. 40 to 43, to Mr. William Mitchell, 134 Wellington Street, before the first day of September; and for No. 47, to Messrs. Hill & Hoggan, 194 Ingram Street, before the first day of September.

Candidates for the Fellowships, etc., Nos. 57 to 67 inclusive, are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 21st September; for No. 68, candidates are expected to inscribe their names in a book kept at the Clerk of Senate's office for the purpose, not later than the 1st December, 1898; and for No. 69, candidates are required to send their names to the Assistant Clerk (Matriculation Office), before 1st December, 1898.

B.—FACULTY OF SCIENCE.

Open to Competition during Session 1898-99.

1. *Strang Bursary*, annual value £20, tenable for three years. Open to students of Engineering Science.

2. *Lorimer Bursary in Mathematics*—see No. 52 under Faculty of Arts.

3. and 4. *Two Breadalbane Scholarships*—see Nos. 62 and 63 under Faculty of Arts.

5 and 6. *Two Metcalfe Bursaries*, each of annual value £25, tenable for two years. Open to students entering the class of Chemistry or of Intermediate Honours Mathematics.

7. *Lloyd's Register Scholarship*, annual value £50, tenable for three years. Open to candidates intending to become students of Naval Architecture, whose age does not exceed 23 years.

8. *Robert Donaldson Scholarship in Biology*, annual value £62, tenable for two years, for Bachelors of Science of this University.

9 and 10. *Muir Bursaries in Mathematics*—see Nos. 55 and 56 under Faculty of Arts.

11 and 12. *Muir Bursaries in Civil Engineering and Mechanics*, each of annual value £12 10s., tenable for session 1899-1900.

13. *George Young Bursary*, annual value £33, tenable for one year, for students in the class of Civil Engineering. To be awarded in April, 1899, to the eligible candidate with the best record in the First Science Examination.

The examinations for the Bursary No. 1 will be held at the same time as the Arts and Science Preliminary Examinations in September and October, 1898; for No. 2, on Thursday, 6th October, at 9 a.m. and 12 noon; for Nos. 3 to 7, on Friday, 7th October, and Saturday, 8th October, at 10 a.m. on each day.

Names of Competitors to be given in to the Assistant Clerk (Matriculation Office), for Nos. 1 and 2 on 12th September, for Nos. 3 to 8 on 21st September, and for Nos. 11 to 13 on 9th March, 1899.

For the Clydebank Scholarship, 1851 Exhibition Science Scholarships, the Dobbie Smith Gold Medal, George Harvey Prize, Kirk Memorial Prize, the G. R. Muirhead Prize, and the Walker Prizes, see pages 299, 304, 322, 324, 325, 326, 328, respectively.

C.—FACULTY OF DIVINITY.

Open to Competition during Session 1898-99.

1 and 2. *Two John Adam Bursaries*, annual value £17 each, tenable for four years. Open to students of Theology of the first year.

3. *Brown or Ettles Bursary*, annual value £21, tenable for three years. Open to students of Theology of the first year who have passed all the examinations for graduation in Arts, with a preference, *cæteris paribus*, to such as can speak Gaelic.

4. *Hastie Bursary*, annual value £25, tenable for three years. Open to competition to Masters of Arts of any Scottish University, or who have passed all the examinations for graduation in Arts, and who are entering upon their first year in Divinity.

5. *Lorimer Bursary*, annual value £25, tenable for three years. Open to students entering the Divinity Hall.

6. *Lumsden Bursary*, annual value £15, tenable for four years. Open to students of Divinity of the first year, with a preference to the sons of members, or of deceased members, of the Stationers' Company of Glasgow.

7. *James Macfarlane Bursary*, annual value £23, tenable for three years. Open to students entering upon the study of Divinity, who hold a Degree

in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts.

8. *William Muir Divinity Bursary*, annual value £25, tenable for two years. Open to candidates who have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, not later than 21st October.

9. *King William's Bursary*, annual value £20, tenable for three years. Open to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study in the University for graduation in Divinity.

10. *Black Theological Fellowship*, anual value £147 or thereby, tenable for one year. Open to Masters of Arts from any of the Universities of Scotland who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March 1898.

11. *The Findlater Scholarship Prize*, value about £38 sterling, for examination in the subjects for the degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March 1898.

12. *The Jamieson Prize*, value about £10 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March, 1898.

13. *The Macfarlan and Cook Testimonial Prize* ,of £21, open to Theological students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

14 and 15. *Dowanhill Prizes*, one of £20, and the other of £10, for Elocution. Open to students of Divinity of the the third year.

For the *Armagh* and the *James Ferguson Bursaries*, also tenable by students of Divinity, see numbers 58 and 57 under Faculty of Arts.

DATES OF EXAMINATIONS.

The examinations for Nos. 1 to 9 inclusive, in the above list, will be held on Tuesday, 25th October, and Wednesday, 26th October, at 10 a.m. each day; and for Nos. 10 to 12 on Tuesday, 25th October, Wednesday, 26th October, Thursday, 30th March, and Friday, 31st March, at 10 a.m. each day.

SUBJECTS OF EXAMINATION.

The merit of candidates for Bursary No. 1 will be determined with reference to their proficiency in the first six subjects in the following list. Candidates for Bursaries Nos. 2 to 8 inclusive may select any seven out of the eight subjects.

LATIN.—Cicero, *De Officiis*, Book I.; Horace, *Odes*, Book III. Translation from English into Latin.

GREEK.—The Epistles to the Thessalonians.

LOGIC.—Jevons, *Elementary Lessons in Logic.*

MORAL PHILOSOPHY.—Muirhead, *Elements of Ethics.*

MATHEMATICS.—Euclid, Books I., II., III. Algebra, to Quadratic Equations, inclusive.

NATURAL PHILOSOPHY.—Deschanel, *Physics*, Part II.

ENGLISH.—Morley, *First Sketch of English Literature*, Chapter XIII. A short essay will be prescribed.

HEBREW.—Book of Genesis.

The subjects of examination for Nos. 10, 11, 12, are the same as for the Degree of Bachelor of Divinity.

The subjects of examination for the Prize No. 13 for Session 1898-99 are as follows:—

GREEK.—Epistles to the Galatians and Philippians.

DIVINITY.—Biblical Theology.—Synoptic Gospels and Epistle to the Romans.

HEBREW.—Isaiah xxi.-xxxix.

CHURCH HISTORY.—Reformation of Swiss and Gallican Churches.

MORAL PHILOSOPHY.—Butler, *Three Sermons on Human Nature*.

DATES FOR SENDING IN APPLICATIONS.

Candidates for Nos. 1 to 12 inclusive are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 19th October, 1898; for the Prize No. 13 to the Professor of Divinity, not later than 1st November, 1898; and for the Prizes Nos. 14 and 15, to the Professor of Divinity, not later than 17th March, 1899.

D.—FACULTY OF LAW.

1. *Major Young's Fund Bursary*, annual value £22, tenable for two years. Open to students of the first year in Law. Names of candidates to be given in not later than 12th September. Competitors are required to attend the Arts Preliminary Examination. For subjects and times, see pp. 333, 334.

2. *Walkinshaw Young Bursary*, annual value £18, tenable for two years. Open to students who since 1st December, 1896, have at an examination in Arts, for the Degree of B.L., passed in two Arts subjects, or have at one examination passed in any two subjects for the Degree of M.A. Applications to be lodged with the Clerk of Senate on or before 1st December, 1898.

3. *Andrew Cunninghame Scholarship*, annual value about £34, tenable for two years, will be awarded in November, 1898, to the most distinguished Bachelor of Laws of the year, special consideration being given to eminence in Conveyancing.

For the *William Whyte*, the *Armagh*, and the *James Ferguson Bursaries*, also tenable by students of Law, see Nos. 47, 58, and 57 under Faculty of Arts.

E.—FACULTY OF MEDICINE.

1. *Mackintosh Bursary*, annual value about £31, tenable for one year. Open to medical students of either sex who have attended the Lectures on Insanity.

2 and 3. *Two Glasgow Highland Society Bursaries*, each of annual value of £25, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before 1st September.

4. *Lorimer Bursary*, annual value £25, tenable for three years. Open to medical students entering on their second session.

5. *Rainy Bursary*, annual value £20, tenable for two years. Open to students entering on their third session of medical study.

6 and 7. *Two James A. Paterson Bursaries*, annual value £30 and £15 respectively, tenable for four years. Open to students entering on their

second session of medical study. Examination in Mathematics and Natural Philosophy.

8. *Arthur Bursary*, annual value £20, tenable for three years, will be awarded in November to the Queen Margaret student who takes the highest place in the First Professional Examination in March and October, 1898.

9. *Davidson Bursary*, annual value £32, tenable for three years, will be awarded in accordance with results of First Professional Examination, a preference being given, *cæteris paribus*, to Founder's relatives, and to natives of Muirkirk, Dalserf, Lesmahagow, or Loudon.

10. *John Monteith Bursary*, annual value about £21, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in March and October, 1898.

11. *Andrew Weir Bursary*, annual value £16 10s., tenable for one year, will be awarded in November in accordance with results of Second and Third Professional Examinations.

12. *Junior Arnott Prize*, of about £15, for an examination in General Physics, open to students of the first and second years of their medical studies.

13. *Senior Arnott Prize*, of £25, for an examination in Physiological Physics, open to students of the third and fourth years of their medical studies.

14. *Brunton Memorial Prize*, of about £10, is given to the most distinguished graduate in Medicine of the year.

For the *William Whyte*, the *Armagh*, and the *James Ferguson Bursary*, also tenable by students of Medicine, see Nos. 47, 58, and 57, under Faculty of Arts.

Dates of Examinations.

The examinations for the Bursary No. 1 in the above list will be held in June; for Nos. 2 and 3, at the same time as the Medical Preliminary; for Nos. 4 and 5, on Monday and Tuesday, 3rd and 4th October, at 10 a.m. each day; for Nos. 6 and 7, on Friday and Saturday, 7th and 8th October, at 10 a.m. each day; and for the Prizes Nos. 12 and 13, on Saturday, 8th October, at 2 p.m.

Dates for sending in Applications.

Candidates for the Bursary No. 1 are required to give in their names to the Assistant Clerk, Matriculation Office, not later than 1st June; for Bursaries Nos. 2 to 7, not later than 12th September; and for Prizes 12 and 13, not later than 21st September.

5.—*PATRONAGE BURSARIES*, 1898-99.

A.—FACULTY OF ARTS.

Appointments to the following Bursaries in the gift of Patrons, including bodies corporate and not corporate, fall to be made before the opening of session 1898-99. Candidates are required to present themselves for the Arts Preliminary Examinations, and for this purpose their names must be given in to the Assistant Clerk, Matriculation Office, on or before 12th September.

1. *Ardkinglass Bursary*, see page 237.
2 and 3. *Two Dundonald Bursaries*, see page 249.
4. *Hamilton Bursary*, see page 258.
5. *Lamb Bursary*, see page 265.
6. *Leadbetter Bursary*, see page 265.
7. *Williams Bursary*, see page 292.

B.—FACULTY OF THEOLOGY.

1. *Boyd and Sanders Bursary,* see page 240.
2 and 3. *Two Dundonald Bursaries,* see page 249.
4. *Gilhagie and Struthers Bursary,* see page 255.
5. *Hamilton Bursary,* see page 258.
6. *Lamb Bursary,* see page 265.
7. *Leighton Bursary,* see page 265.

C.—FACULTY OF MEDICINE.

John Gibson Bursary, see page 255.

6.—*UNIVERSITY PRIZE ESSAYS.*

FOR SESSION 1898-99.

1. In Mental Philosophy, the UNIVERSITY SILVER MEDAL, for the best essay on "Kant's Theory of the Æsthetic Judgment and of Art." All students of the classes of Logic, Moral Philosophy, or English Literature, in session 1897-98 or 1898-99, may be competitors.

2. The EWING GOLD MEDAL, for the best essay on "The Benefits arising from the Legislative Union of England and Scotland." All matriculated students of the University in session 1898-99 may be competitors.

3. A COULTER PRIZE OF FIVE POUNDS, for the best essay on "John Knox as a Theologian."

4. A COULTER PRIZE OF FIVE POUNDS, for the best dissertation in English on the Fragments of Euripides, to which may be added an attempt to trace the plot and assign the particular fragments to their speakers in one or two selected tragedies.

For the Coulter Prizes all matriculated students of the University in session 1898-99 may be competitors.

5. The HENDERSON PRIZE OF TWENTY GUINEAS, for the best essay on "The Fourth Commandment in its relation to Modern Social and Commercial Life." All matriculated students of the University in session 1898-99, and all Masters of Arts who graduated in November, 1893, or thereafter, may be competitors.

6. The LIVINGSTONE GOLD MEDAL, for the best essay on "The Missionary Methods of the Apostolic Age." All matriculated students of session 1898-99 may be competitors.

7. The DOBBIE-SMITH GOLD MEDAL, for the best essay on any subject within the limits of the science of Botany. The treatment of the subject to show original work, and the essay to be accompanied by an illustrative series of macroscopic and microscopic specimens. All matriculated students of session 1897-98 may be competitors. Essays must be given in by 30th September, 1898.

8. The RECTOR'S PRIZE OF TWENTY-FIVE POUNDS, for the best essay on "The Influence of British Colonisation on the Peace and Civilisation of the World." All matriculated students of session 1896-97 or 1897-98 may be competitors.

The essays, with the exception noted above (No. 7), must be given in to the Principal on or before Monday, 31st October, 1898, after which day none can be received. Each must be distinguished by two mottoes, and accompanied by a sealed letter bearing on the outside the same mottoes, and containing a declaration subscribed by the author that the essay is entirely of his own composition. All quotations in the essays must be carefully marked and accurate references to their respective authorities given in the notes. The Senate reserves the power of withholding the prize for any subject, if none of the essays on that subject reaches a sufficiently high standard of merit.

GARTMORE GOLD MEDAL IN SESSION 1899-1900.

The subject for the essay in the competition for the Gartmore Gold Medal, open to matriculated students in session 1899-1900, will be—"The Advantages and Disadvantages of Hereditary Monarchy."

PRIZES OFFERED BY THE FRANCO-SCOTTISH SOCIETY.

I. By the French branch of the Society :—

A. One thousand francs for the best memoir on "The Old Ties of Friendship between France and Scotland."

Open to all students attending French classes during year 1898. Essays to be lodged with Mr. A. A. Gordon, C.A., Honorary Secretary to the Society, 128A George Street, Edinburgh, on or before 31st December, 1898.

B.—The Linguistic Society of Paris offers a prize of one thousand francs in 1901 for the best *printed* work on the Grammar, Vocabulary, History, and Origin of the Romance Languages in general, but in particular on that of the Roumanian Language.

Prize *A* will be open to students of both France and Scotland.

Prize *B* must be in French, Roumanian, or Latin, and must not have been published prior to 31st December, 1894. Authors may belong to any nationality, and are required to send to the President of the Linguistic Society of Paris two copies of their work not later than 31st December, 1900.

II. By the Scottish branch of the Society :—

A. Five pounds for the best essay (in French for preference) on "The Relations of Louis XIV. with the Stuart Kings."

Essay to be lodged with Mr. Gordon before 31st December, 1898.

B. Expense (including residence, class fees, etc.) of sending a deserving Scottish student to Paris to attend the short summer course at the Sorbonne or elsewhere. This prize is offered by a member of the Society, and is awarded by the Education Committee of the Council of the Scottish branch of the Society without examination, and is intended for students not possessing means of their own for the purpose in view. Applications (stating university, age, qualification, and purpose, and giving two references) to be sent to Mr. Gordon before 31st March, 1899.

Prize *A* is open to male students of Scottish parentage of the Scottish Universities only, and is to be continued for two consecutive years from 1898. The subject for 1899 to be decided upon later.

Prize *B* is to be continuous at the pleasure of the donor, and is open to Scottish students only. The choosing of the yearly recipient rests with the Education Committee of the Scottish Council, in the latter of which all the Scottish Universities are represented.

X.—HONOURS LIST.

NAMES OF GRADUATES WITH HONOURS SINCE THE YEAR 1827.

BACHELORS OF ARTS (B.A.).

			Honourable Distinction.	Highest Distinction.
1827	[1] Alfred Day, . . .	England,	. . . .	Classics. Mental Philosophy.
1831	James Halley, . .	Scotland,	. . . . .	Classics. Mental Philosophy.
1838	William Makellar, .	,,	Classics.	
,,	Francis Tucker, . .	England,	Classics.	
1840	[1] John Daniel Morell, .	,,	Classics. Mental Philosophy.	
1842	[1] Nathaniel Haycroft, .	,,	Classics. Mental Philosophy.	
1843	[1] David M'Lauchlan, .	Scotland,	Classics. Mental Philosophy.	
1852	Samuel Crusha Sarjant,	England,	. . . .	Classics. Mental Philosophy.
1856	[1] Joseph David Everett, .	,,	Classics. Mental Philosophy.	
,,	David Johnston, . . .	,,	Mental Philosophy.	
1857	Wm. Thomson Johnston,	Scotland,	. . . . .	Classics.
,,	Andrew Moody, . . .	,,	Mental Philosophy.	
,,	[1] William Ralph Pattison,	,,	Classics. Mental Philosophy.	
1858	John MacLeod, . . .	,,	. . . . .	Mental Philosophy.
,,	[2] Peter Sinclair Menzies,.	,,	Classics.	
1859	[1] George Porter, . . .	,,	Classics. Mental Philosophy.	
,,	[1] Joseph Gardner, . . .	,,	Mental Philosophy.	
1860	[1] Richard Vary Campbell,	,,	. . . .	Mental Philosophy.
,,	[1] Daniel Munro, . . .	,,	Classics.	
1861	[1] John M'Lean, . . .	,,	Classics. Mental Philosophy.	
,,	[1] Thomas Carruthers, .	,,	Classics. Mental Philosophy.	
,,	[1] William Stewart, . . .	,,	Classics. Mental Philosophy.	
,,	[3] David Thomas, . . .	,,	Mental Philosophy.	
,,	[1] George Matheson, . . .	,,	Mental Philosophy.	
,,	[1] Henry William Bell, .	India,	Mental Philosophy.	
,,	[1] Thomas Robinson, .	England,	Mental Philosophy.	

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[1] Graduated M.A. in the following year. [2] Graduated M.A. three years later.
[3] Graduated M.A. two years later.

MASTERS OF ARTS (M.A.).

			Honourable Distinction.	Highest Distinction.
1827	George Samuel Evans, .	England,	. . . . .	Classics. Mental Philosophy.
,,	William Cooper, . .	Scotland,	Classics. Mental Philosophy.	
1828	William Acworth, .	England,	. . . . .	Classics. Mental Philosophy.
,,	Samuel Macurdy Greer,	Ireland,	. . . . .	Classics. Mental Philosophy.
,,	James Rankine, . .	Scotland,	Classics. Mental Philosophy.	
,,	William Baird, . .	,,	Classics. Mental Philosophy.	
,,	John Reid, . . .	England,	Physical Science.	
,,	Alexander Ure, . .	Scotland,	Physical Science.	
1831	David L. Arnot, . .	,,	. . . . .	Classics.
,,	John Jenkins, . .	Wales,	Classics.	
,,	Robert Cotton Mather, .	England,	Classics.	
,,	Neil M'Michael, . .	Scotland,	Physical Science.	
1832	Andrew Borland Parker,	,,	. . . . .	Classics.
1836	John Cunningham, .	,,	. . . . .	Physical Science.
,,	William Fulton, . .	,,	Classics. Mental Philosophy.	
1837	Richard Shaen, . .	England,	Physical Science.	
,,	Thomas Elliot Richardson,	,,	Physical Science.	
,,	John Blair, . . .	Ireland,	Physical Science.	
,,	William Cuthell, . .	Scotland,	Physical Science.	
1840	Duncan Harkness Weir,	,,	Physical Science.	
,,	James Thomson, . .	Ireland,	Physical Science.	
,,	John Buchanan, . .	Scotland,	Physical Science.	
1841	William Arthur Jones,	Wales,	Classics. Mental Philosophy.	
1842	Alexander Grierson, .	Scotland,	Physical Science.	
,,	John Davies, . .	England,	Classics. Mental Philosophy.	
1843	John Trafford, . .	,,	Classics. Mental Philosophy.	
,,	David Duff, . . .	Scotland,	Physical Science.	
1844	John Morgan, . .	,,	Physical Science.	
,,	John Thomson, . .	Ireland,	Physical Science.	
,,	William Turnbull Ker, .	Scotland,	Physical Science.	
,,	Richard Tomlinson, .	England,	Classics. Mental Philosophy.	
1846	Robert Graham, . .	Scotland,	Physical Science.	
1847	William John Steele, .	Ireland,	Physical Science.	
,,	James Porter, . .	,,	Physical Science.	
1848	Adam Milroy, . .	Scotland,	Classics. Mental Philosophy.	
,,	Walter David Jeremy, .	England,	Classics. Mental Philosophy.	

			Honourable Distinction.	Highest Distinction.
1849	John Kerr, . . .	Scotland,	. . . . .	Physical Science.
,,	George M'Queen, . .	,,	. . . . .	Physical Science.
,,	Henry Martyn Barker, .	England,	. . . . .	Classics. Mental Philosophy.
,,	John Newton Langley, .	,,	. . . . .	Classics. Mental Philosophy.
1850	Alexander Walker, .	Scotland,	Classics. Mental Philosophy.	
,,	Horatio Lindsay Taplin,	England,	Classics. Mental Philosophy.	
,,	Robert Masters Theobald,	,,	Classics. Mental Philosophy.	
1851	Carstairs Douglas, .	Scotland,	Physical Science.	
,,	Daniel Davies Jeremy, .	England,	Classics. Mental Philosophy.	
1852	Thomas Logan, . .	Scotland,	Physical Science.	
,,	James Wylie Johnston,	,,	Classics. Mental Philosophy.	
1853	Charles Abercromby Smith,	,,	. . . . .	Physical Science.
,,	William Jack, . .	,,	. . . . .	Physical Science.
,,	Edward John Gibbs, .	England,	. . . . .	Classics. Mental Philosophy.
1856	James Galbraith, . .	Scotland,	Physical Science.	
,,	John Murray, . .	,,	Physical Science.	
1857	Joseph David Everett, .	England,	. . . . .	Physical Science.
,,	George Monro Grant,	Nova Scotia,	. . . . .	Mental Philosophy.
,,	David Herbert, . .	Scotland,	Mental Philosophy.	
,,	Neil Macpherson, . . .	,,	Classics. Mental Philosophy.	
1858	John Weir, ...	,,	Mental Philosophy.	
1859	Robert Whyte, . . .	,,	Mental Philosophy.	
1860	Walter Roberts, . . .	,,	Mental Philosophy.	

MASTERS OF ARTS (M.A).

Ordinances No. 14, Sections vi., vii., viii. ; No. 18, Section iii. (1858).

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1862	John Ferguson, . . .	Scotland,	...	...	...	I
1866	John Mann, ...	,,	I	..	...	...
,,	John Fergusson, ...	,,	...	II	...	...
1867	William E. Grigsby, . .	England,	II	...	...	...
,,	James Smith, ...	Scotland,	...	...	I	...
,,	William Ross, ...	,,	...	...	II	..
1868	Robert Stewart, ...	,,	..	I	..	..
,,	John Wilson, ...	,,	...	I	...	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1869	Favour James Greg,	Scotland,	...	I	...	...
,,	Adam Semple,	,,	...	I	...	...
,,	Joseph Loudon,	,,	...	...	II	...
,,	James M'Intosh,	,,	...	I	...	...
1870	John Cross,	U.S.A.,	I	I	...	...
,,	Matthew M. Dickie,	England,	II	I	...	...
,,	James Orr,	Scotland,	...	I	...	...
,,	Robert A. Sinclair,	,,	...	II	...	...
,,	James D. H. Dickson,	,,	...	...	II	...
,,	Dugald M'Kichan,	,,	..	...	II	...
1871	William S. Fleck,	,,	...	I	...	...
,,	William Oliver,	Wales,	...	II	...	...
,,	John E. H. Thomson,	Scotland,	...	II	...	..
,,	Colin R. M'Clymont,	,,	...	I	...	..
,,	Charles S. Dickson,	,,	..	II	II	..
1872	William Hamilton,	,,	...	I	...	...
,,	John Watson,	,,	...	I	...	...
,,	Zachary M. H. Ross,	,,	...	II	...	...
,,	Archibald Russell,	,,	...	II	...	..
,,	William G. Miller,	,,	...	...	II	...
,,	John M. Brown,	,,	...	I	...	...
,,	Alexander S. Macphee,	,,	...	I	...	...
,,	James C. MacTaggart,	,,	...	...	I	...
,,	James Henderson,	,,	...	...	II	...
1873	William Bathgate,	,,	I	...	...	...
,,	John M'Cunn,	,,	...	I	...	...
,,	T. Lindsay Galloway,	,,	...	...	I	...
,,	David Hunter,	,,	II	I	...	...
,,	Robert Harvey,	,,	I	...	...	...
,,	Thomas H. Miller,	,,	...	...	I	..
,,	Buchanan Blake,	,,	...	II	...	...
,,	James Arthur,	,,	...	...	II	..
1874	James Bonar,	,,	I	I	...	...
,,	James G. Frazer,	,,	I	...	...	...
,,	Alexander F. Fraser,	,,	...	I	...	...
,,	John Wilson Reid,	,,	I	...	II	...
,,	Colin Campbell,	,,	II	I	...	...
,,	James Thomson,	,,	...	I	...	...
,,	Hugh Hart Currie,	,,	II	...	...	...
,,	James MacKay,	,,	...	II	...	...
1875	Benjamin F. C. Costelloe,	Ireland,	II	I	...	...
,,	William Yuill King,	Scotland,	I	...	...	...
,,	William Patrick,	,,	...	I	...	...
,,	John Patrick,	,,	II	...	..	...
,,	James S. Russell,	,,	..	...	I	...
,,	John C. Watt,	,,	...	...	I	...
,,	John B. Douglas,	England,	II	...	...	...
,,	Neil D. MacLachlan,	Scotland,	...	II	..	...
,,	James Johnston Dobbie,	,,	...	...	...	I
1876	James Lambie,	,,	...	I	...	..
,,	Ebenezer B. Speirs,	,,	...	I	...	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1876	Islay F. Burns,	Scotland,	II	...	...	...
,,	Robert MacLehose,	,,	...	II	...	...
,,	Joseph Conn,	,,	...	...	II	...
,,	Robert H. Pinkerton,	,,	...	...	II	...
,,	David Wilson,.	,,	...	...	II	...
,,	John P. Mitchell,	,,	...	I	...	...
,,	William M. Rankin,	,,	...	I	...	...
,,	Andrew Gray,.	,,	...	...	II	...
1877	Wallace M. Lindsay,	,,	I	II	...	...
,,	Alexander S. Wilson,	,,	..	...	...	I
,,	James Kidd,	,,	...	I	...	...
,,	Thomas B. Kilpatrick,	,,	...	I	...	...
,,	Mungo W. M'Callum,	,,	...	II	...	...
,,	William Allan,	,,	...	...	II	...
,,	James Arthur,.	,,	...	...	II	..
1878	Robert Mackintosh,.	,,	II	I	...	...
,,	John Edgar,	,,	I	...	...	...
,,	John M. Dodds,	,,	...	...	I	...
,,	David W. Forrest,	,,	...	II	...	...
,,	Alexander Isdale,	,,	...	I	...	...
,,	Lewis A. Muirhead,.	,,	...	I	...	...
,,	James Wilson,	,,	II	...	II	...
1879	John Wilson Marshall,	,,	I	II	...	..
,,	Francis Wm. Clark,	,,	II	II	...	...
,,	Henry Jones,	Wales,	...	I	...	...
,,	William T. Bankhead,	Scotland,	...	II	...	...
,,	Andrew Rutherfurd,	,,	...	II	...	...
,,	James Thomson,	Ireland,	...	...	II	...
,,	James Denney,	Scotland,	I	I	...	..
,,	James Kippen Duff,	,,	I	...	...	...
,,	Robert Tannahill Younger,	,,	...	II	...	.
,,	William L. Macindoe,	,,	...	...	II	...
1880	Alexander Gregory,.	,,	II	...	...	..
,,	Thomas Gregory,	,,	I	I	I	...
,,	Alexander N. Cumming,	,,	II	II	...	...
,,	Hugh Young Reyburn,	,,	II	II	...	..
,,	John G. A. Dow,	,,	II	...	...	.
,,	John Henderson,	,,	...	II	...	...
1881	Cecil J. Swan,	,,	II	..	...	...
,,	Francis H. Stead,	England,	II	I	...	..
,,	David S. Adam,	Scotland,	...	I	...	...
,,	William Granger,	,,	...	I	...	..
,,	Robert F. Muirhead, B.Sc.,	,,	.	..	I	...
,,	Alexander Russell,	,,	...	...	I	..
,,	Patrick H. Aitken,	,,	II	..	...	...
,,	Alexander Anderson,	,,	II	...	..	.
,,	Robert T. Loudon,	,,	...	II	...	...
,,	Robert Veitch,	England,	...	II	...	.
,,	James Maclay,.	Scotland,	...	...	II	...
,,	John Stuart,	,,	...	...	II	...
,,	James Hamilton,	,,	...	..	II	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1882	James A. M'Callum,	Scotland,	...	I	...	...
,,	John H. Fullarton,	,,	...	...	...	I
,,	Charles P. Blair,	,,	...	II	...	..
,,	James M. Dodds,	,,	I	...	...	...
,,	John S. MacKenzie,	,,	...	I	...	...
,,	William Smart,	,,	...	I	...	...
,,	John Weir,	,,	...	...	I	...
,,	John Gray,	,,	...	II	...	...
,,	Charles Steele,	,,	...	II	...	..
1883	John Aitken Orr,	,,	...	I	...	...
,,	Alexander Robinson,	,,	...	II	...	...
,,	Lewis Hughes,	Wales,	...	II	..	..
,,	Francis Anderson,	Scotland,	...	I	...	...
,,	Wm. S. M'Kechnie,	,,	...	I	...	...
,,	William Muir,	,,	...	I	...	...
,,	James W. Inglis,	,,	II	...	...	..
,,	Patrick H. Hutchinson,	Ireland,	II	...	..	...
,,	Robert A. Moody,	Scotland,	II	...	...	...
,,	William T. Mitchell,	,,	...	...	II	...
1884	Andrew A. Mitchell,	,,	I	...	..	...
,,	James M'Millan,	,,	I	...	...	...
,,	Archd. S. Laidlaw,	,,	...	I	...	...
,,	John Mack,	,,	...	...	I	...
,,	William Clark,	,,	II	...	...	...
,,	John Struthers,	,,	II	I	...	...
,,	Archibald M'Laren,	,,	I	...	...	...
,,	John Adams,	,,	...	I	...	...
,,	James Barr,	,,	...	I	...	...
,,	Gavin Lambie,	,,	..	I	...	...
,,	Robert M. Wenley,	,,	...	I	...	...
,,	George G. Henderson,	,,	..	...	...	I
,,	Campbell N. Moody,	,,	II	II	..	...
,,	Hugh Stevenson,	,,	...	II	...	...
,,	James Strachan,	,,	...	...	II	...
,,	Alex. B. Symington,	,,	II	...	...	...
1885	John Lee,	,,	I	...	...	...
,,	James Buchanan,	,,	...	...	I	...
,,	Norman Fraser,	,,	..	...	I	...
,,	James P. M'Laren,	,,	II	...	...	...
,,	William Binnie,	,,	...	II	...	...
,,	David Frew,	,,	...	II	...	...
,,	Richard Glaister,	,,	...	II	...	...
,,	David Houston,	,,	...	II	...	..
,,	Walter Wingate,	,,	...	...	II	...
,,	William M. Mackay,	,,	...	I	...	...
,,	Andrew F. Smith,	,,	...	I	...	...
,,	Alex. L. Watson,	,,	II	...	...	...
,,	Archibald J. Macnicol,	,,	..	...	II	...
1886	Charles F. Fleming,	England,	...	I	...	...
,,	Wellstood A. Watt,	Scotland,	...	I	...	...
,,	John Dougall,	,,	..	...	I	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Nat. Phil. & Math.	Natural Science.
1886	John M'Cowan, B.Sc.,	Scotland,	...	...	I	...
,,	William H. Carslaw,	,,	...	...	II	...
,,	Magnus M'Lean,	,,	...	...	II	...
,,	John A. Cramb,	,,	I	...	...	...
,,	Robert A. Duff,	,,	...	I	...	...
,,	William Johnston,	,,	...	II	...	...
,,	James Macmillan,	,,	...	...	II	...
,,	Robert A. Nicolson,	,,	...	...	II	...
1887	James Finlayson,	,,	...	...	II	...
,,	James Gifford,	,,	...	II	...	...
,,	Charles Mackay Gordon,	W. Indies,	...	I	...	...
,,	David Smith,	Scotland,	I	...	...	...
,,	John Watson Bryson,	,,	...	I	...	...
,,	Robert Gardner,	,,	...	II	...	...
,,	James Gilfillan,	,,	...	I	...	...
,,	Daniel Kirkwood,	,,	...	II	...	...
,,	Alexander Lucas Taylor,	,,	II	...	...	...
,,	John Thomson,	,,		...	II	...
1888	John Esslemont Adams,	,,	II	...		...
,,	Archibald Lamont,	,,	...	II		...
,,	Arthur David Millar,	,,	I			...
,,	John Dickson Sinclair,	,,	...	II	...	...
,,	Evan Keri Evans,	Wales,		I		...
,,	Robert Kennedy, B.Sc.,	Scotland,	...	...		I
,,	John Liddle King,	,,	...	II		...
,,	Malcolm Macnicol,	,,	...		II	...
,,	Ernest Findlay Scott,	England,	I	I	...	...
,,	Robert Scrymgeour,	Scotland,	...	I		...
,,	Robert Reid Strachan,	,,		II		...
,,	John Cunningham Walker,	,,		II		...
1889	Norman de Garis Davies,	England,		II		...
,,	George Davidson Kempt,	Scotland,		II		...
,,	Alfred Ernest Garvie,	Poland,	...	I		...
,,	John Hunter Harley,	Scotland,	...	I		...
,,	John Brownlee,	,,	...		I	...
1890	James Fairlie Gemmill,	,,	I		...	...
,,	John Edgar M'Fadyen,	,,	I	...	...	...
,,	James Robertson Cameron,	,,	...	I	...	...
,,	James Moffatt,	,,	II	...	...	...
,,	James Peter Wilson,	,,	II	...	...	
,,	John Easton Black,	,,	...	II	...	...
,,	George Douglas Brown,	,,	I		...	...
,,	Robert Bulloch Douglas,	,,		I		
,,	Peter Pinkerton,	,,		...	I	...
,,	Douglas Blyth Binning,	,,	...	II		...
,,	Robert Baillie Douglas,	,,	...	II		...
,,	James Hair Maclean,	,,	...	II	...	...
,,	Gilbert Buchanan,	,,	...	...	II	...
,,	Alexander Holm,	,,		...	II	
1891	John Hamilton Pagan,	,,	I	...	...	
,,	John Gillies,	,,	II	...	...	

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1891	John M‘Gilchrist,	Scotland,	II	...	...	...
,,	Horatio Scott Carslaw,	,,	...	...	I	...
,,	James Holm,	,,	...		I	...
,,	Nicol Macnicol,	,,	II	II	...	...
,,	John White,	,,	...	II	...	
1892	David Donaldson Robertson,	,,	...	I	...	...
,,	Daniel Lamont,	,,	...	II	I	...
,,	John Gillespie Spens,	,,	II	...	...	...
,,	Alexander Taylor,	,,	II	...	...	...
,,	Walter Stewart,	,,	...	...	I	...
1893	Donald Nicol Dow,	,,	I	...	...	...
,,	Gilchrist Gibb Alexander,	,,	...	I	...	...
,,	Robert Stevenson Horne,	,,	...	I	...	...
,,	William Sandilands Templeton,	,,	...	...	I	...
,,	Wm. Carrick Anderson,	,,	...	...	...	I
,,	Edward H. Wallace,	,,	II	...	II	...
1894	Campbell M. Macleroy,	,,	I	...	...	...
,,	Robert George Nisbet,	,,	II	...	...	...
,,	Andrew Robertson,	,,	II	...	...	...
,,	John Charles Scott,	Ireland,	I	...	...	...
,,	Charles William Thomson,	Scotland,	I	...	...	...
,,	William Romaine Paterson,	,,	...	I	...	...
,,	Charles Shirra Dougall,	,,	...	...	I	...
,,	William Craig Henderson,	,,	...	...	I	...
,,	John Macfarlane Forsyth,	,,	II	...	...	...
1895	William Gow,	,,	I	...	...	...
,,	Joseph Ferguson M‘Fadyen,	,,	I	...	...	...
,,	Gavin Lang Pagan,	,,	...	I		...
,,	William Anderson Lindsay,	,,	...		I	...
,,	Thomas Nisbet,	,,	...	...	I	...
,,	John Alexander Duke,	,,	...	II	...	...
1896	David Hodge Crawford,	,,	I	...	...	...
,,	John Freeland Cunningham,	,,	II			...
,,	John Girvan,	,,	II		...	...
,,	James M‘Murtrie,	,,	II	...	...	...
,,	James Slater Dunlop,	,,	...	...	II	...
,,	William Morrison,	,,	...	II	...	...
,,	Samuel Harvey M‘Ewing,	,,	...	II	...	...
,,	Alexander Smith,	,,	...	II	...	...
,,	John Miller,	,,	...	...	I	...

MASTERS OF ARTS (M.A.).

Ordinances No. 11, Sections xi.–xv.; No. 44, Sections vi., viii. (1889).

			First Class.	Second Class.	Third Class.
1894	Henry Noel Brailsford,	England,	Mental Philosophy.	Classics.	
1895	William Gregory Bell,	do.,	Classics.		
,,	James Wallace Peck,	Scotland,	Math. & Nat. Phil.		
,,	William King Gillies,	do.,	Classics. Mental Philosophy.		
1896	James Paterson Brander,	do.,	Classics.		
,,	John Maclean Ramsay,	do.,	Classics.		
,,	Horace Fenton Wallace,	do.,	Classics.		
,,	James Gillespie, .	do.,	. . . . .	Classics.	
,,	William Boyd, . .	do.,	Mental Philosophy.		
,,	James Wilson Copeland,	do.,	Math. & Nat. Phil.		
,,	Adam Bell Stewart, .	do.,	Math. & Nat. Phil.		
,,	George Donald Valentine,	do.,	Math. & Nat. Phil.		
,,	Arthur West Wilkie,.	England,	. . . . .	Math. & N.P.	
,,	John Young, . .	Scotland,	. . . . .	Math. & N.P.	
1897	George Stewart Adams,	do.,	Classics.		
,,	Robert Daniels Bell, .	England,	Classics.		
,,	John W. Henderson,	Scotland,	Classics.		
,,	Peter William Monie,	do.,	Classics.		
,,	Marion M. Crichton, .	China,	. . . . .	Classics.	
,,	Alex. James Martin, .	Scotland,	. . . . .	Classics.	
,,	Thomas Neilson, .	do.,	. . . . .	Classics.	
,,	Allan Gibson, . .	do.,	. . . . .	. .	Classics.
,,	Thomas Ellis Jones, .	Wales,	Mental Philosophy.		
,,	David Stevenson, .	Scotland,	. . . . .	. .	English.
,,	William M. R. Pringle,	,,	History.	Classics.	
,,	Gavin Scott, . .	,,	History.	Classics.	
,,	Adam Hamilton, .	,,	Classics.		
,,	James William Baird,	,,	. . . . .	Classics.	
,,	Grace Foulis Hay, .	,,	. . . . .	Classics.	
,,	William N. Raeburn,	,,	. . . . .	Classics.	
,,	Andrew Boyd Scott, .	,,	Mental Philosophy.		
,,	John Scoular Thomson,	,,	Mental Philosophy.		
,,	Alex. M'Callum Scott,	,,	. . . . .	. .	Ment. Phil.
,,	James Campbell Ker,	,,	Math. & Nat. Phil.		
,,	William Wylie Fulton,	,,	. . . . .	English.	
,,	Richard R. Williams,	Wales,	. . . . .	. .	English.
1898	John Lyle Morison, .	Scotland,	History. English.		
,,	William H. Begg, .	,,	Classics.		
,,	David L. Blair, . .	,,	Classics.		
,,	John Harvey, . .	,,	Classics.		
,,	Dorothy N. T. Murray,	,,	. . . . .	Classics.	
,,	Constance Tannahill,	England,	. . . . .	. .	Classics.
,,	Alexander A. Gardner,	Scotland,	Math. & Nat. Phil.		
,,	James E. Henderson,	,,	. . . . .	Math. & N.P.	

BACHELORS OF SCIENCE (B.Sc.).

			Honours.	
			Natural Science.	Engineering Science.
1879	Robert F. Muirhead, C.E.,	Scotland,		Math. & Nat. Phil. II
1882	John Cleland, C.E.,	do.,		Math. & Nat. Phil. II
1883	John M'Cowan, C.E.,	do.,		Math. & Nat. Phil. II
1884	William Weir,	do.,		Math. & Nat. Phil. II
,,	James C. Todd,	India,	Math. & Nat. Phil. II	
1886	Lawrence Crawford,	Scotland,		Math. & Nat. Phil. I
1887	Angus M'Lean,	do.,		Math. & Nat. Phil. II
1890	James Stanley Muir,	do.,	Chemistry.	
,,	Robert Watson Smith,	do.,	Chemistry.	
1891	James Fenwick,	Australia,		Civil Engineering.
,,	Robert Main,	Scotland,	Chemistry.	
,,	Robert Muir Ferrier,	do.,		Civil Engineering.
1892	John Dewar Cormack,	do.,		Math. & Nat. Phil. I Civil Engineering.
1892	Jas. Blacklock Henderson,	Scotland,		Math. & Nat. Phil. I Civil Engineering.
,,	James Rankin,	do.,	Zoology and Botany.	
,,	William S. Cook,	do.,	Physiology.	
,,	David R. Boyd,	do.,	Chemistry.	
1893	James C. Robertson, M.A.,	do.,	Anat. and Physiol.	
1894	Charles Forbes,	do.,		Civil Engineering.
,,	Wm. Henry Lang,	England,	Botany and Zoology.	
,,	George Wm. Shearer,	Ireland,		Civil Engineering.
1895	Wm. Craig Henderson,	Scotland,		Math. & Nat. Phil. I
,,	Hugh Calderwood,	do.,	Anat. and Physiol.	
,,	John Allan Craigie Macewen,	do.,	Anat. and Physiol.	
,,	William Hamilton,	do.,		Civil Engineering.
,,	Campbell Macmillan,	do.,		Civil Engineering.
,,	Thomas Hunter, M.A.,	do.,	Anat. and Physiol.	
,,	William Martin, M.A.,	do.,	Anat. and Physiol.	
1896	William S. Templeton, M.A.,	do.,		Math. &. Nat. Phil I
	Peter L. L. Craig, M.A.,	do.,	Anat. and Physiol.	

The Honours awarded to the Bachelors of Science in the foregoing list were awarded under the Old Regulations. Now every graduate in Pure Science under Ordinance No. 12 passes the Final Science Examination on a standard equivalent to the standard for the Degree of M.A. with Honours.

DOCTORS OF MEDICINE (M.D.). (*O.R.*) Honours.

1845	Alexander Lindsay,	Scotland.
,,	James Craigie Murray,	do.
,,	Francis Reynolds,	Ireland.
,,	John Brown,	Scotland.
,,	John Gardiner,	do.
,,	Donald Cameron,	Isle of Man.
,,	Adam Nicholson,	Scotland.
,,	John Duke,	Ireland.
1847	William Parry,	Wales.
,,	Robert Livingstone,	Scotland.
,,	Alexander B. Sharpe	Scotland.
1848	Charles H. Hitchen,	England.
,,	James Steven,	Scotland.
,,	John Coates,	Ireland.
1849	Robt. Brown M‘Clelland,	Ireland.
,,	Thomas Nicholson,	Scotland.
,,	Robert Settle,	England.
,,	Richard Thomas Tracy,	Ireland.
,,	Matthew John Rae,	Scotland.
1850	John Ternan,	Ireland.
,,	John Henry Eddowes,	England.
,,	James Brash,	Scotland.
1851	Alexander Marshall,	Scotland.
,,	Andrew Spearing,	Ireland.
,,	James B. Montgomery,	England.
,,	Robert Perry,	Scotland.
,,	John Watson, B.A.,	do.
1853	John Ritchie Brown,	do.
,,	Charles D. Campbell,	Ireland.
1853	Richard Stanistreet,	Ireland.
,,	David Knox,	do.
1854	John Lindsay Stewart,	Scotland.
,,	James Fraser Paton,	do.
,,	David Easton,	Ireland.
1855	William Leishman,	Scotland.
,,	William J. Lewis,	New Brunswick.
,,	Alexander Robertson,	Scotland.
1857	Thomas Beaumont,	Ireland.
,,	Joseph M. Fleming,	Scotland.
,,	Maxwell Rodgers,	Ireland.
1858	John Couper,	Scotland.
,,	Thomas M‘Call Anderson,	do.
1859	Daniel Dougal,	do.
1861	William Marshall,	America.
,,	John M. Murray,	Scotland.
1862	James A. Allan,	do.
1863	Robert M‘K. Duncan,	do.
,,	George M‘Donald,	do.
,,	Samuel J. Moore,	Ireland.
,,	William Fraser,	Nova Scotia.
,,	T. Algernon Chapman,	Scotland.
,,	Algernon Wood Smith,	do.
,,	John P. Atkinson,	England.
1864	John Wyber,	Scotland.
,,	J. G. Wilson, M.A.,	do.
1865	Arthur A. Jamieson,	England.
1867	Fred. H. Quaife, M.A.	Sydney, N.S.W.

DOCTORS OF MEDICINE (M.D.). (*N.R.*)

1876 [1] Gardner, William, M.B., England.
1877 [1] Turner, William Y., M.B., Scotland. Thesis, "The Ethnology of the Motu."
1879 [1] Fleming, William James, M.B., Scotland. Thesis, "The Dicrotic Notch in Pulse Tracings."
1880 [1] Oliver, Thomas, M.B., Scotland. Thesis, "Heredity viewed in its relation to Responsibility."
1880 [1] Bryce, James, M.B., Scotland. Thesis, "That Mankind originated as a Common Family—most probably on a Continent in the Indian Ocean—certainly within the Tropics."
1881 [1] Adams, James Alexander, M.B., Scotland. Thesis, "Anatomical Relation between Abscess of Brain and Aural Disease."
1881 [1] Stewart, Alexander, M.B., Scotland. Thesis, "History of a Personal Attack of Typhoid Fever."
1881 [1] Drummond, James, M.B., Scotland. Thesis, "Sea Sickness: its Etiology, Symptoms, and Treatment."
1881 [1] Macphail, Donald, M.B., Scotland. Thesis, "Chemical Investigations on the Degenerative Changes in Diseased Bone."
1882 [1] Cairns, David, M.B. Thesis, "An Outbreak of Pyæmia."

[1] Commended for Thesis.

1882 [1] Adam, Thomas Bate, M.B., Scotland. Thesis, "The Pathology and Etiology of Elephantoid Disease."

1882 [1] Rankin, Guthrie, M.B., Scotland. Thesis, "Puerperal Fever."

1883 [1] Inglis, David Wood, M.A., M.B., Scotland. Thesis, "On the Prevention of Lead Poisoning among Workers in White Lead Factories."

1883 [1] Newman, David, M.B., Scotland. Thesis, "Displacements of the Kidney."

1884 [1] Lawrie, J. Macpherson, M.B., Scotland. Thesis, "On some Symptoms of Locomotor Ataxy."

1884 [1] Allan, Robert, M.B., Scotland. Thesis, "Dermoid Cysts."

1884 [2] Middleton, George S., M.A., M.B., Scotland. Thesis, "On the Pathology of Pseudo-Hypertrophic Muscular Paralysis." Highly Commended.

1884 [2] Steven, John Lindsay, M.B., Scotland. Thesis, "The Pathology of Suppurative Inflammations of the Kidneys." Highly Commended.

1885 [2] Mackay, John Yule, M.B., Scotland. Thesis, "The Origin and Development of the Larger Arteries." Highly Commended.

1885 [1] Macvie, William, M.B., Scotland. Thesis, "Atrophic Infantile Paralysis."

1885 [1] Dougal, James, M.B., Scotland. Thesis, "Puerperal Pyrexia."

1886 [1] Lawrie, William John, M.B., Scotland. Thesis, "Pathological Formations of the Skin."

1886 [2] Somerville, William Francis, M.A., B.Sc., M.B., Scotland. Thesis, "Urosemiotic; the Pathological Chemistry of the Urine, the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis." Highly Commended.

1886 [2] Stewart, Robert Sloss, M.B., Scotland. Thesis, "Observations on the Spinal Cord in the Insane." Highly Commended.

1886 [1] Rankin, Alexander, M.B., Scotland. Thesis, "Cerebral Cases, with remarks."

1886 [1] Auld, Alexander Gunn, M.B., Scotland. Thesis, "Studies in Materia Medica."

1887 [1] Chalmers, Archibald Kerr, M.B., Scotland. Thesis, "The Temperature Curve of Specific Fevers."

1887 [1] Neilson, Henry John, M.B., Scotland. Thesis, "On the observation of the pupil as a guide in the administration of Chloroform."

1887 [1] Brown, John, M.B., Scotland. Thesis, "Maternal Impressions."

1887 [1] Love, John, M.B., Scotland. Thesis, "Three cases of Cortical Epilepsy considered in relation to the localization of the discharging lesion."

1888 [1] Finlay, David, M.B., Scotland. Thesis, "Clinical Observations on Epileptic Insanity."

1888 [1] Love, James Kerr, M.B., Scotland. Thesis, "The Limits of Hearing."

1888 [1] Macpherson, Charles, M.B., Scotland. Thesis, "Plural Pregnancies."

1888 [1] Wallace, William, M.B., Scotland. Thesis, "The Field of Vision: with special reference to its Anomalies in Diseases of the Nervous System."

1889 [1] Christie, William Walls, M.B., C.M., Scotland. Thesis, "The Outbreak of Febrile Disease in St. Mary's Roman Catholic Industrial Schools, Glasgow, March 1888: its Clinical Features and Nature."

1889 [1] Kelly, James Kellock, M.B., Scotland. Thesis, "Private Obstetric Practice: an analysis of 3000 consecutive cases."

1889 [1] Mackenzie, William James, M.B., India. Thesis, "The effects of the conditions of London Life on the Nervous System: with remarks on the treatment."

1889 [1] Hinshelwood, James, M.A., M.B., Scotland. Thesis, "A Clinical Study of Syphilitic Diseases of the Nervous System."

1890 [1] Anderson, John Alexander, M.B., Scotland. Thesis, "On Tetanus: with a record of six cases."

1890 [1] Bankier, Alexander Milne, M.B., England. Thesis, "Influenza."

1891 [1] Smith, John Macdowal, M.B., Scotland. Thesis, "The Disposal of Sewage and City Refuse."

1891 [3] Rhodes, Hugh, M.B., C.M., England. Thesis, "Koch's Treatment in Phthisis and Lupus." With Honours.

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[1] Commended for Thesis. [2] Highly commended. [3] With Honours.

1891 [1] Bannatyne, Gilbert Alexander, M.B., C.M., Scotland. Thesis, "The Treatment of Diphtheria by the Injection of the Erysipelas Albumose."

1891 [1] M'Gregor, Andrew Nicholson, M.B., C.M., Scotland. Thesis, "Some Notes on the Repair of Bone, with special reference to Transplantation and other Artificial Aids."

1891 [1] Ramsay, Andrew Maitland, M.B., C.M., Scotland. Thesis, "Exophthalmic Goitre."

1891 [1] Johnstone, John Carlyle, M.B., C.M., Scotland. Thesis, "Some Notes on the use of Sulphonal."

1892 [1] Highet, Hugh, M.B., C.M., Scotland. Thesis, "The Bronchiopneumonia of Influenza, as it occurs in the Adult Subject."

1892 [1] Park, Alexander Glen, M.B., C.M., Scotland. Thesis, "Defects of Speech."

1893 [1] Lang, Hugh, M.B., C.M., Scotland. Thesis, "Empyema, with Notes on a Series of Cases."

1893 [1] Gillies, Hugh Cameron, M.B., C.M., Scotland. Thesis, "The Theory of Counter-irritation."

1893 [2] Carslaw, John Howie, M.A., M.B., C.M., Scotland. Thesis, "On the severer forms of Scarlet Fever, with special reference to Antipyretic Methods of Treatment." With Honours.

1893 [1] Adam, Robert Hillhouse, M.A., M.B., C.M., Scotland. Thesis, "Observations on some Enteric Fever Epidemics."

1893 [1] Bryce, Alexander, M.B., C.M., Scotland. Thesis, "Sanitation in Dairy Farms in relation to diseases attributable to Cows' Milk."

1893 [1] Dunlop, Alexander Watson, M.A., M.B., C.M., Scotland. Thesis, "A recent Epidemic of Smallpox, with some remarks on Re-Vaccination."

1893 [1] Gemmell, William, M.B., C.M., Scotland. Thesis, "On the Treatment of Phthisis by a long Sea Voyage in a sailing ship."

1893 [1] Watson, William, M.B., C.M., Scotland. Thesis, "The Prevention and Treatment of Diphtheria."

1894 [1] Johnston, John M'Cubbin, M.A., M.B., C.M., Scotland. Thesis, "The Prognosis of Acute Lobar Pneumonia in the Pauper Class."

1894 [2] Jack, William Robert, B.Sc., M.B., C.M., Scotland. Thesis, "Observations on the Analysis of Voluntary Muscular Movements by certain new Instruments." With Honours.

1895 [1] Abercrombie, Peter Henderson, M.B., C.M., Scotland. Thesis, "Turbinotomy in Nasal Stenosis: Analysis and Notes of 66 cases."

1895 [2] Monro, Thomas Kirkpatrick, M.A., M.B., C.M., Scotland. Thesis, "Essays in Neuorology; Historical and Clinical." With Honours.

1895 [1] Banks, Charles, M.B., C.M., Scotland. Thesis, "Observations on Epidemics of Cholera in India, with special reference to their immediate connection with pilgrimages."

1895 [1] Bell, Andrew Lees, M.B., C.M., Scotland. Thesis, "The Influence of a previous sire, and its relation to maternal impressions."

1895 [1] Campbell, Finlay Stewart, M.B., C.M., Scotland. Thesis, "Paroxysmal Haemoglobinuria: its treatment with special reference to the arrest of the Paroxysm by Quinine."

1895 [1] Charles, John, M.B., C.M., Scotland. Thesis, "A contribution to the Meteorology of Sporadic Pneumonia."

1895 [1] Macgregor, John, M.B., C.M., Scotland. Thesis, "On Paralysis following Diphtheria in Children."

1895 [1] Edington, George Henry, M.B., C.M., Scotland. Thesis, "Bile Salts (Glycocholate and Taurocholate Soda) in relation to excretion of Urea, etc."

1895 [1] Hughes, Arthur Davies, M.B., C.M., Wales. Thesis, "Anchylostomiasis."

1895 [1] Marr, Hamilton Clelland, M.B., C.M., Scotland. Thesis, "On Myxoedema and the Functions of the Thyroid Gland: with notes on the treatment of certain cases of Insanity by Thyroid preparations."

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[1] Commended for Thesis.

[2] With Honours.

1896 [1] Marshall, Robert James, M.B., C.M., Scotland. Thesis, "The mild Malaria Fevers and their Microbe."

1896 [1] Dittmar, Frederick, M.A., M.B., C.M., Scotland. Thesis, "Scarlatinal Albuminuria."

1896 [1] Gray, Albert Alexander, M.B., C.M., Scotland. Thesis, "An Investigation into some of the Principles of Auscultation."

1896 [1] Nisbet, Adam Thomson, M.B., C.M., Scotland. Thesis, "Observations on some cases of Liver Abscess."

1896 [1] Todd, James, M.B., C.M., Scotland. Thesis, "Puerperal Scarlatina."

1896 [2] Kennedy, Robert, M.A., B.Sc., M.B., C.M., Scotland. Thesis, "Studies on the Regeneration of Nerves." With Honours.

1896 [1] Kirkland, Thomas Speirs, M.B., C.M., Scotland. Thesis, "Quinine Amaurosis."

1897 [1] Don, William Walton, M.B., C.M., England. Thesis, "Thyroid Therapeutics."

1897 [1] Hunter, Walter King, B.Sc., M.B., C.M., Scotland. Thesis, "A contribution to the Etiology of Beri-Beri."

1897 [1] Thomson, James, M.B., C.M., Scotland. Thesis, "Exophthalmic Goitre, with special reference to its treatment by Thymus Gland."

1897 [2] Thomson, Robert Stevenson, B.Sc., M.B., C.M., Scotland. Thesis, "Pertussal Glucosuria, with observations on the reduction of Fehling's solution by the urine in childhood." With Honours.

1897 [1] Brownlee, John, M.A., M.B., C.M., Scotland. Thesis, "The Diagnosis and Hospital Administration of Scarlatina."

1897 [1] Galloway, Andrew Fleming, M.B., C.M., Scotland. Thesis, "Movable Kidney: its Aetiology and Symptoms."

1897 [1] Harris, David Fraser, B.Sc., M.B., C.M., Scotland. Thesis, "A Research into the Spectroscopy of Blood-pigment, and its derivatives in health and disease."

1897 [1] Seright, William, M.B., C.M., Scotland. Thesis, "Neurasthenia (nervous exhaustion): a review of the origin and growth of the term, frequency of the disease, and of its chief forms and classifications, symptoms, diagnosis, prognosis, theories, and treatment."

1897 [1] Temple, Lewis Dunbar, M.B., C.M., Scotland. Thesis, "Sporadic Cretinism and allied disorders."

1897 [1] Wylie, Richard John, M.B., C.M., Scotland. Thesis, "Pneumonia, with notes on twenty-nine cases."

1897 [1] M'Kenzie, Daniel, M.B., C.M., Scotland. Thesis, "Endemic Goitre, with particular reference to its occurrence in Lanarkshire, and to its Etiology."

BACHELORS OF MEDICINE (M.B.). HONOURS.

1866	Robert W. Forrest,	Scotland.	1872	Samson Gemmell,	Scotland.
,,	Henry T. Pringle,	,,	1876	Geo. S. Middleton, M.A.,	,,
1867	Ebenezer Duncan,	,,	,,	Richard B. Macpherson,	,,
,,	Joseph Coats,	,,	1877	Johan B. Knobel,	Africa.
,,	James Finlayson,	,,	,,	Donald Macphail,	Scotland.
1868	Thomas Barr,	,,	,,	John Carlyle Johnstone,	,,
,,	William MacLachlan,	,,	,,	Edward D. M. Mackellar,	,,
,,	Angus Macmillan,	,,	1878	Alexander Fraser,	,,
1869	James Coats,	,,	,,	James Morton,	,,
1871	David Wilkie,	,,	,,	William Partington,	,,
,,	John Aikman,	,,	,,	Lawrence A. Waddell,	,,
1872	John D. Macdonald,	,,	1879	William K. Peden,	,,

[1] Commended for Thesis. [2] With Honours.

1879	Ralph D. Stevenson,	Australia.
1880	Andw. A. Hogarth, M.A.,	Scotland.
,,	J. M'Gregor-Robertson, M.A.,	,,
,,	John Lindsay Steven,	,,
1881	John More Young, M.A.,	,,
1882	Robert Beith,	,,
1883	John Innes Dunlop,	,,
1884	Charles O. Hawthorne,	England.
1886	Alexander Bryce,	Scotland.
,,	Wm. Snodgrass, M.A.,	U.S.A.
,,	John H. Carslaw, M.A.,	Scotland.
1887	William MacLennan,	,,
1891	Hugh Galt,	,,
,,	Robert Currie Robertson, M.A.,	,,
1892	John Morton,	,,
1892	James Carslaw, M.A.,	Scotland.
1894	Alexander MacLennan,	,,
,,	Wm. Stewart Cook, B.Sc.,	,,
,,	Jas. C. Robertson, M.A., B.Sc.,	,,
,,	Jas. Murray Young,	,,
,,	John Francis Robt. Gairdner,	,,
,,	John Wainman Findlay,	,,
1895	Joshua Ferguson, M.A.,	,,
,,	Henry Alex. Pattullo,	,,
,,	Ernest Alex. Walker, M.A.,	,,
1896	John Knight,	,,
,,	Madge Speirs Maclean,	,,
1897	John A. C. Macewen, B.Sc.,	,,
,,	Thomas Hunter, M.A., B.Sc.,	,,

BRUNTON MEMORIAL PRIZE OF £10,

Awarded to the most distinguished Graduate in Medicine of the year.

1880. John Lindsay Steven, M.B., C.M.
1881. John More Young, M.A., M.B., C.M.
1882. Robert Beith, M.B., C.M.
1883. John Innes Dunlop, M.B., C.M.
1884. Charles Oliver Hawthorne, M.B., C.M.
1885. Andrew Wilson, M.B., C.M.
1886. Alexander Bryce, M.B., C.M.
1887. William MacLennan, M.B., C.M.
1888. Landel Rose Oswald, M.B., C.M.
1889. William Robert Jack, B.Sc., M.B., C.M.
1890. George Lamb, M.B., C.M.
1891. Hugh Galt, M.B., C.M.
1892. John Morton, M.B., C.M.
1893. John Johnson Urwin, M.B., C.M.
1894. Alexander MacLennan, M.B., C.M.
1895. Joshua Ferguson, M.A., M.B., C.M.
1896. John Knight, M.B., C.M.
1897. John Allan Craigie Macewen, B.Sc., M.B., C.M. } Equal.
,, Thomas Hunter, M.A., B.Sc., M.B., Ch.B. }

THOMAS LOGAN MEDAL AND PRIZE,

Awarded to the most distinguished Graduate in Arts of the year.

1888. Ernest Findlay Scott, M.A.
1889. Alfred Ernest Garvie, M.A.
1890. John Edgar M'Fadyen, M.A.
1891. James Holm, M.A.
1892. Daniel Lamont, M.A.
1893. Gilchrist Gibb Alexander, M.A.
1894. Henry Noel Brailsford, M.A.
1895. William King Gillies, M.A.
1896. George Donald Valentine, M.A.
1897. Gavin Scott, M.A.

XI.—DEGREE AND PRIZE LIST.

LIST OF DEGREES

Conferred in the various Faculties and of Prizes and Certificates of Honour awarded in the several Classes of the University during the year ending 1st May, 1898.

DOCTORS OF DIVINITY (D.D.).

April, 1898.

Rev. Thomas Adamson, B.D., Anderston Free Church, Glasgow.

Rev. Jervis Coats, M.A., Baptist Church, Govan, Lecturer on Biblical Criticism and New Testament Exegesis in the Baptist Theological College of Scotland.

Rev. Robert Craig, M.A., Brighton Street Congregational Church, Edinburgh.

Rev. David William Forrest, M.A., Wellington U.P. Church, Glasgow.

Rev. John Herkless, Professor of Ecclesiastical History in the University of St. Andrews.

Rev. Theodore Marshall, M.A., formerly Minister of the Parish of Caputh, now Deputy appointed by General Assembly of the Church of Scotland in connection with Home Mission Committee.

DOCTORS OF LAWS (LL.D.).

3rd November, 1897.

The Right Hon. Joseph Chamberlain, D.C.L., M.P., P.C., Lord Rector of the University.

12*th April*, 1898.

Alexander Duncan, B.A., Secretary and Librarian to the Faculty of Physicians and Surgeons, Glasgow.

Douglas Dunlop, M.A., Secretary-General of the Department of Public Instruction, Cairo, Egypt.

John Inglis, formerly President of the Institution of Engineers and Shipbuilders in Scotland, President-elect of the Institution of Marine Engineers, London.

William Paton Ker, M.A., Professor of English Language and Literature in University College, London.

Dr. Elie van Rijckevorsel, of the Batavian Society of Experimental Philosophy, Rotterdam.

Arthur Sidgwick, M.A. Fellow of Corpus Christi and Reader in Greek in the University of Oxford.

John Millar Thomson, F.R.S., Professor of Chemistry in King's College, London.

BACHELORS OF DIVINITY (B.D.).

November, 1897.

Robert Matthew Buchanan, M.A.
John Riddell, M.A.

April, 1898.

John Fulton, M.A.
Alexander Brown Grant, M.A.
Ephraim Macmurtrie Henderson, M.A.
Archibald Hunter, M.A.
Joseph Muir, M.A.
Coll Archibald Macdonald, M.A.
Samuel Harvey M'Ewing, M.A.
John Paterson, M.A.
Munro Somerville, M.A.
David Swan, M.A.
John Young, M.A.

BACHELORS OF LAWS (LL.B.).

November, 1897.

John Calderwood, M.A., B.L.
William Lusk, M.A.

April, 1898.

(Ordinance No. 39.)

Thomas Randall Anderson, M.A.
[1] Archibald Hamilton Charteris, M.A.
James Neilson Gray, M.A.

BACHELORS OF LAW (B.L.).

November, 1897.

Alexander Colquhoun, M.A.

April, 1898.

David Fergusson, M.A.
James Archibald Russell.
John Semple Stiell.
John Thomson Tannahill.

DOCTORS OF MEDICINE (M.D.).

May, 1897.

Thomas Findlay Tannahill, M.B., C.M., Scotland. (*Thesis*—"Ten years' Medical Work in H.M. Convict Prisons.")

July, 1897.

I.—With Commendation.

James Thomson, M.B., C.M., Scotland. (*Thesis*—"Exophthalmic Goitre, with special reference to its treatment by Thymus Gland.")

II.—Ordinary Degree.

Robert Boyd, M.B., C.M., Scotland. (*Thesis*—"Notes and Observations from the experience gained from 150 cases of Abdominal Section performed in a provincial Hospital.")

Andrew Cluckie, M.B., C.M., Scotland. (*Thesis*—"Suggestions for a revised Pharmacopœia.")

Owen Gethin Jones, M.B., C.M., Wales. (*Thesis*—"Ptomaine Poisoning.")

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[1] With distinction in (1) Jurisprudence, (2) Public International Law, (3) Law of Scotland, (4) Political Economy.

Roderick Campbell Macdiarmid, M.B., C.M., Scotland. (*Thesis* "The Anaemia of Spanish Lead Miners.")

Hugh Corbett Taylor Young, M.B., C.M., Scotland. (*Thesis* "Australasia, especially New South Wales, as a health resort for British Consumptives.")

November, 1897.

I.—WITH HONOURS.

Robert Stevenson Thomson, B.Sc., M.B., C.M., Scotland. (*Thesis* "Pertussal Glucosuria, with observations on the reduction of Fehling's solution by the urine in childhood.")

II.—WITH COMMENDATION.

John Brownlee, M.A., M.B., C.M., Scotland. (*Thesis*—"The Diagnosis and Hospital Administration of Scarlatina.")

Andrew Fleming Galloway, M.B., C.M., Scotland. (*Thesis* "Movable Kidney: its Aetiology and Symptoms.")

David Fraser Harris, B.Sc., M.B., C.M., Scotland. (*Thesis*—"A Research into the Spectroscopy of Blood-pigment, and its derivatives in health and disease.")

William Seright, M.B., C.M., Scotland. (*Thesis* Neurasthenia (nervous exhaustion): a review of the origin and growth of the term, frequency of the disease, and of its chief forms and classifications, symptoms, diagnosis, prognosis, theories, and treatment.")

Lewis Dunbar Temple, M.B., C.M., Scotland. (*Thesis*—"Sporadic Cretinism and allied disorders.")

Richard John Wylie, M.B., C.M., Scotland. (*Thesis*—"Pneumonia, with notes on twenty-nine cases.")

III.—ORDINARY DEGREE.

Robert Young Aitken, M.B., C.M., Scotland. (*Thesis*—"An Account of a Milk Epidemic of Enteric Fever.")

Joseph MacNaughtan Christie, M.B., C.M., Scotland. (*Thesis*—"Inversion of the Uterus, with a modification of the operative treatment in chronic cases requiring amputation.")

James Cochrane, M.B., C.M., Scotland. (*Thesis*—"A Contribution on the treatment of Uterine Haemorrhage, with special reference to the Gravid Uterus, with cases.")

Robert Scott Frew, M.B., C.M., Scotland. (*Thesis* -"The Complications of Measles which tend towards a fatal ending.")

William Findlay Ness, M.A., M.B., C.M., Scotland. (*Thesis*—"Rheumatic Fever: a study in private practice.")

William Park Porter, M.B., C.M., Scotland. (*Thesis*—"Notes on climate, and some diseases affecting Europeans in West Africa.")

Archibald Shaw, M.B., C.M., Scotland. (*Thesis*—"Report of a fatal case of Purpura Haemorrhagica, with some remarks on the disease.")

John Barr Stevens, M.B., C.M., Scotland. (*Thesis*—"Epidemic Catarrh.")

April, 1898.

I.—WITH COMMENDATION.

Daniel M'Kenzie, M.B., C.M., Scotland. (*Thesis*—"Endemic Goitre, with particular reference to its occurrence in Lanarkshire and to its Etiology.")

II.—ORDINARY DEGREE.

William Dinsmore, M.B., C.M., Ireland. (*Thesis*--"Phlegmasia Dolens.")

John Ferguson Macgregor, M.B., C.M., Scotland. (*Thesis*—"Pneumoniae; some of their Symptoms and their Prognoses."

BACHELORS OF MEDICINE AND MASTERS IN SURGERY (M.B., C.M.).

July, 1897.

I. Honours.

[1] John Allan Craigie Macewen, B.Sc., Scotland.

II. Commendation.

James Rankin, B.Sc.,	Scotland.
William Martin, M.A., B.Sc.,	,,
Norman Macnair, B.Sc.,	,,

III. Ordinary Degrees.

Kilgour Adamson,	Scotland.
John Allan,	,,
Agnes Jane Anderson,	,,
Annie Kirbby Anderson,	,,
James Andrew,	,,
James Mitchell Bonar,	,,
John Ritchie Brown,	,,
John Ritchie Burns,	,,
Charles Cairnie, M.A.,	,,
James Souter Christie,	,,
Walter Colquhoun, M.A.,	Canada.
John Crawford,	Scotland.
James Donaldson,	,,
William Duncan,	,,
Charles Elphinstone Fleming,	,,
George Willmore Francis,	England.
James Graham,	Scotland.
Mary Philip Graham,	,,
James Hogg,	,,
James Donald Holmes,	,,
Norah Kemp,	,,
Robert Kirk,	Scotland.
George Louis Le Fevre,	,,
Archibald Livingston,	,,
Samuel Martyn,	,,
George Bain Murdoch,	,,
Andrew Brown Murray,	,,
Neil M'Callum,	,,
John M'Laws,	,,
Murdo Norman Macleod,	,,
Robert Nelson,	,,
William Park,	,,
Henry Joseph Rankin,	Ireland.
James Rutherfurd Ratcliffe,	Scotland.
Neil Robson,	,,
William Kerr Russell,	,,
David Shedden Service,	,,
Merbai Ardesir Vakil, B.A.,	India.
Harry Muir Watson,	Scotland.
James Wells,	,,
Robert Wilson,	,,

November, 1897.

Ursula Chaplin,	England.
William Humphreys Jamison,	Jamaica.
James M'Caig,	Scotland.
John Irvine MacMillan, M.A.,	Scot.
William M'Mullen Pearson,	India.
Joseph Sillars,	Scotland.
Ernest Thomas Keay Walker,	U.S.A.

BACHELORS OF MEDICINE AND BACHELORS OF SURGERY (M.B., CH.B.).

July, 1897.

I. Honours.

[1] Thomas Hunter, M.A., B.Sc., Scotland.

II. Commendation.

Walter Scobie Findlay, M.A.,	Scot.
James Duncan Cochran,	Scotland.
James M'Queen, M.A.,	,,
Francis James Charteris,	,,
David Louis Cairns,	Scotland.
William Glen Liston,	India.
Joseph Adam Clarke,	Scotland.
James Alston,	,,

[1] Mr. Hunter divides with Mr. John Allan Craigie Macewen, B.Sc. (see M.B., C.M.), the Brunton Memorial Prize of Ten Pounds, awarded to the most distinguished Graduate in Medicine of the year.

David M'Kail,	Scotland.
David Steele Smith,	,,
George Coats,	,,
Norman Emil Henry Scott,	Scotland.
John Reid (Glasgow),	,,

III. Ordinary Degrees.

Alexander Smith Allan,	Scotland.
William Cochran Burns,	,,
George William Coats,	,,
Joseph Muir Corbett,	,,
James Finlayson Fleming,	,,
Adrian Andrew Forrester,	,,
Thomas Bonnar Garvie,	,,
Lawrence Whitaker Harrison,	England.
Alexander Lawrie,	Scotland.
William Mitchell Lindsay,	,,
John Watson Little,	,,
John MacDonald,	,,
James M'Haffie,	,,
James Service Ormond,	Australia.
Robert Scott,	Scotland.
Alexander Bankier Sloan,	,,
Samuel Macfarlane Sloan,	,,
Jessie Hawkesworth Smith,	Japan.
John M'Callum Stewart,	Scotland.
James Ballantyne Strang,	,,
Daniel Rees Thomas,	Wales.
Walter Lewis Thomson,	Scotland.
William James Alex. Walker,	,,
William Watson,	,,
Ernest Watt,	,,
Edward Roberts Weir,	,,
John Wotherspoon,	,,
David John Young,	,,

November, 1897.

George MacLellan Blair,	Scotland.
Minna Amelia Macfarlane,	Ireland.
Matthew Logan Taylor,	Scotland.
William Wyper,	,,

DOCTORS OF SCIENCE (D.Sc.).

April, 1898.

Alexander Galt, B.Sc.

James Robert Erskine Murray, B.Sc.

BACHELORS OF SCIENCE. (B.Sc.).

November, 1897.

In Natural Science.

Thomas Paterson Wingate.

In Engineering Science.

John Malcolm.

Joseph Barr Paterson.

April, 1898.

In Geological Science.

Alexander M'Dougall, M.A.

In Pure Science.

John Pinkerton Duncan.

Ruth Pirret.

In Engineering Science.

Andrew Dunn.
James Weir French.
[1] Archibald Morven Macmillan.
James Paton.
[2] Hugh Wallace.
Owen Richard Williams.

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[1] With special distinction in (1) Mathematics, (2) Natural Philosophy, (3) Engineering.

[2] With special distinction in (1) Mathematics, (2) Engineering.

MASTERS OF ARTS (M.A.).

November, 1897.

I. WITH HONOURS (New Regulations).

With Second-Class Honours in Classics and First-Class Honours in History.

William Mather Rutherford Pringle.
Gavin Scott.

With First-Class Honours in Classics.

Adam Hamilton.

With Second-Class Honours in Classics.

James William Baird.
Grace Foulis Hay.
William Norman Raeburn.

With First-Class Honours in Mental Philosophy.

Andrew Boyd Scott.
John Scoular Thomson.

With Third-Class Honours in Mental Philosophy.

Alexander M'Callum Scott.

With First-Class Honours in Mathematics and Natural Philosophy.

James Campbell Ker.

With Second-Class Honours in English.

William Wylie Fulton.

With Third-Class Honours in English.

Richard Robert Williams.

II. ORDINARY DEGREE.

Alexander Allan.
Thomas Baird.
David Yates Barclay.
Donald Cunninghame Cameron.
Thomas Murdoch Campbell.
Alexander Cochran.
John Crawford,
Robert Davidson.
William Carson Dick.
William Douglas.
Campbell Cowan Edgar.
James Falconer.
John Falconer.
Hugh Evan Griffith.
Ephraim Macmurtrie Henderson.
Colin Mackay Kesson.
David Kyle.
John Cassels Monteith.
Angus John Morrison.
John Murphy.
Arthur Erskine Murray.
Andrew Macfarlane.
Adam Gordon Macleod.
James M'Pherson.
Margret Pollock M'Phun.
John Urquhart Ogilvy.
William Semple Paterson.
William Park Reid.
Neil Ross.
Jane Buchanan Stewart.
Hector M'Ewan Thomson.
Joseph Watson Towers.
George Glen Blyth Young.
Robert Burns Young.

April, 1898.

I. With Honours (New Regulations).

With First-Class Honours in English, and First-Class Honours in History.

John Lyle Morison.

With First-Class Honours in Classics.

William Henderson Begg.
David Logan Blair.
John Harvey.

With Second-Class Honours in Classics.

Dorothy Noble Tennant Murray.

With Third-Class Honours in Classics.

Constance Tannahill.

With First-Class Honours in Mathematics and Natural Philosophy.

Alexander Aitken Gardner.

With Second-Class Honours in Mathematics and Natural Philosophy.

James Ewart Henderson.

II. Ordinary Degree.

William Abernethy.
Jane Maclure Allison.
Harry Angus Patterson Anderson.
David Bain.
William Baird.
Andrew Bell.
Isabella Brown Blair.
Walter Blythe.
John Brown.
Alexander Burns.
Robert Alexander Burr.
James Cappell.
Francis Montague Cockburn.
William Core.
Anthony Cathcart Coubrough.
James Ferguson Craig.
Charles Hill Dick.
William Dick.
William Henry Stuart Farquharson.
Fergus Ferguson.
John Ferguson.
James Burns Fleming.
John Fulton.
Cameron Robertson Gibson.
William Woodburn Gillan.
Robert Storer Govan.
Elizabeth Hannah.
John Hanson.
Annie Dorothy Harrison.
Peter Henderson.
Robert Young Howie.
Henry Alexander Inglis.
John Dalrymple Johnston.
Isobel Stewart Kelly.
Jeanie Mair.
Robert Howie Martin.
Charles Matheson.
James Meiklejohn.
Matthew Millar.
Robert Bennett Miller.
John Neil Milne.
Lewis Davidson Murray.
William Grierson Macalister.
Joseph M'Clemont.
William Rennie M'Cracken.
Anthony M'Creadie.
Alexander M'Donald.
Roderick Gray M'Donald.
Daniel Douglas M'Dougall.
George William Thomson M'Gown.
Isabella Beattie M'Ilroy.
Jane Hamilton M'Ilroy.
John Ebenezer M'Intyre.
John Macleod.
Gregory Paul M'Martin.
James Carmichael Pairman.
Andrew Paterson.
Andrew Lindsay Riddell.
John Cooper Russell.
William Scott (Lanark).
William Alexander Rattray Selkirk.
William Tannock.
Francis Vernal.
David Walker.
William M'Caig Wightman.
James Young Wilson.
Thomas Grieve Wright.

DEPARTMENTAL CERTIFICATES

I. FOR DEGREE OF B.D.

FIRST DEPARTMENT—*October*, 1897.

Buchanan, Robert Matthew, M.A.
Duke, John Alexander, M.A.
Fulton, John, M.A.
Grant, Alexander Brown, M.A.
Henderson, Ephraim Macmurtrie, M.A.
Hunter, Archibald, M.A.
Leishman. John Stuart, M.A.
Muir, Joseph, M.A.
Macdonald, Coll Archibald, M.A.
M'Ewing, Samuel Harvey, M.A.
Paterson, John, M.A.
Riddell, John, M.A.
Somerville, Munro, M.A.
Swan, David, M.A.
Young, John, M.A.

SECOND DEPARTMENT—*March*, 1898.

Grant, Alexander Brown, M.A.
Henderson, Ephraim Macmurtrie, M.A.
Hunter, Archibald, M.A.
Leishman, John Stuart, M.A.
Middleton, Arthur Stanley, M.A.
Muir, Joseph, M.A.
Macdonald, Coll Archibald, M.A.
M'Ewing, Samuel Harvey, M.A.
Paterson, John, M.A.
Pollock, James, M.A.
Ross, Duncan, M.A.
Somerville, Munro, M.A.
Swan, David, M.A.
Tripney, David, M.A.
Young, John, M.A.

II. FOR DEGREES IN LAW.

OLD REGULATIONS.

I. FOR DEGREE OF LL.B.

1. IN LAW OF SCOTLAND.

October, 1897.

Calderwood, John, M.A., B.L.
King, Walter, M.A.
Lusk, William, M.A.
Stewart, Charles William, M.A.

2. IN CONVEYANCING.

October, 1897.

Calderwood, John, M.A., B.L.
Stewart, Charles William, M.A.

3. IN PUBLIC LAW.

October, 1897.

Lusk, William, M.A.

4. IN CONSTITUTIONAL LAW AND HISTORY.

April, 1898.

Taylor, James Thomson, M.A.

5. IN MEDICAL JURISPRUDENCE.

October, 1897.

King, Walter, M.A.
Stewart, Charles William, M.A.

April, 1898.
Taylor, James Thomson, M.A.

II. For Degree of B.L.

1. IN LOGIC.

October, 1897.
Russell, William Clark.

April, 1898.
Thomson, Peter Geddes.

2. IN MORAL PHILOSOPHY.

October, 1897.
Russell, William Clark.

3. IN ENGLISH LITERATURE.

April, 1898.
Stiell, John Semple.

4. IN CIVIL LAW.

October, 1897.
Morrison, John Anderson.
Russell, James Archibald.

5. IN LAW OF SCOTLAND.

October, 1897.
Morrison, John Anderson.
Russell, James Archibald.

6. IN CONVEYANCING.

April, 1898.
Russell, James Archibald.
Tannahill, John Thomson.

7. IN CONSTITUTIONAL LAW AND HISTORY.

April, 1898.
Tannahill, John Thomson.

8. IN MEDICAL JURISPRUDENCE.

April, 1898.
Russell, James Archibald.

NEW REGULATIONS.

I. For Degree of LL.B.

IN JURISPRUDENCE.

October, 1897.
Dunlop, Malcom, M.A.

April, 1898.
Stewart, John, M.A.

IN PUBLIC INTERNATIONAL LAW.

October, 1897.

Murray, William Meikle, M.A.

April, 1898.

Connell, Michael Joseph, B.A.
Haran, Thomas Smith, M.A.
Pringle, W. Mather Rutherford, M.A.
Shaughnessy, Alexander, M.A.
Stewart, John, M.A.
Tennent, Robert, M.A.

IN CIVIL LAW.

October, 1897.

Lindsay, Norman Graham, M.A.
Middleton, John, M.A.
M'Kay, John Dewar, M.A.
Ross, Charles, B.A.

April, 1898.

Dunlop, Charles Robertson, B.A.

IN LAW OF SCOTLAND.

October, 1897.

Adam, James, M.A.
Gray, James Neilson, M.A.
Murray, William Meikle, M.A.
Wark, John Lean, M.A.

April, 1898.

Dunlop, Charles Robertson, B.A.
Haran, Thomas Smith, M.A.
Macdiarmid, Duncan Stewart, B.A.
Pringle, W. Mather Rutherford, M.A.
Raeburn, William Norman, M.A.
Tennent, Robert, M.A.

IN CONSTITUTIONAL LAW AND HISTORY.

October, 1897.

Currie, Donald, B.A.
Gray, James Neilson, M.A.
Haran, Thomas Smith, M.A.
Middleton, John, M.A.
Wark, John Lean, M.A.

April, 1898.

Bauchop, Jeffrey Drummond, M.A.
Macdiarmid, Duncan Stewart, B.A.
Philips, William, M.A.

IN CONVEYANCING.

October, 1897.

Dunlop, Malcom, M.A.

April, 1898.

Anderson, Thomas Randall, M.A.
Charteris, Archibald Hamilton, M.A.
Connell, Michael Joseph, B.A.
Gray, James Neilson, M.A.

IN POLITICAL ECONOMY (80 Lecture Course).

October, 1897.

Lindsay, Norman Graham, M.A.

IN INTERNATIONAL PRIVATE LAW.

October, 1897.

Connell, Michael Joseph, B.A.
Currie, Donald, B.A.
Haran, Thomas Smith, M.A.
Stewart, John, M.A.

IN FORENSIC MEDICINE.

October, 1897.

Adam, James, M.A.
Connell, Michael Joseph, B.A.
Haran, Thomas Smith, M.A.
M'Kay, John Dewar, M.A.
Ross, Charles, B.A.
Stewart, John, M.A.

April, 1898.

Bauchop, Jeffrey Drummond, M.A.
Macdiarmid, Duncan Stewart, B.A.
Philips, William, M.A.
Raeburn, William Norman, M.A.
Shaughnessy, Alexander, M.A.

II. For Degree of B.L.

IN LOGIC.

April, 1898.

Archibald, James Rennie.

IN MORAL PHILOSOPHY.

April, 1898.

Girvan, Henry Stuart.
Mackay, Donald.

IN LATIN.

October, 1897.

Donaldson, Henry James.

April, 1898.

Gilmour, Andrew.

IN ENGLISH.

April, 1898.

Girvan, Henry Stuart.

IN FRENCH.

October, 1897.

Mackay, Donald.

IN MATHEMATICS.

October, 1897.

Davidson, William George.

IN JURISPRUDENCE.

April, 1898.

Stewart, William, M.A.

IN CIVIL LAW.

October, 1897.

Gray, John, M.A.

April, 1898.

Davidson, William George.
Donaldson, Henry James.
Leishman, John Stuart, M.A.

IN LAW OF SCOTLAND.

April, 1898.

Donaldson, Henry James.

IN CONVEYANCING.

April, 1898.

Stewart, William, M.A.

III. FOR DEGREES OF M.B., Ch.B.

FIRST PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (B., Botany ; Z., Zoology ; P., Physics ; C., Chemistry) :—

October, 1897.

Anderson, Thomas (B., C.).
Archibald, William (B., C.).
Armitage, William (B.).
Barr, John Stoddart (B., P.).
Bathgate, Thomas Thompson (Z.).
Bogle, George Thomson (B., P.).
Brown, William Macalister- (B., C.).
Bryson, Margaret Edith (B., Z.).
Burke, John Joseph (B.).
Cameron, Hector Charles (B., P.).
Campbell, Robert David (B.).
Carmichael, Daniel Lyall (Z.).
Chapman, Edw. Seymour (B., Z., P.).
Chapman, Walter Bartlett (B., P.).
Clark, George Herbert (B., P.).
Cook, James Bertie Wylie (B.,P.,C.).
Cowan, Samuel Campbell (B., P.).
Craig, James, (B., Z.).
Cramb, Ernest Hamilton (Z., C.).
Currie, Andrew (B., C.).
Dale, John Shedden (Z., P.).
Davidson, David Beattie (B., P., C.).
Davie, Gregor Hugh Grant (B., Z.).
Dick, James, M.A. (B., C.).
Donaldson, Hugh M'Millan (P.).
Dow, Andrew Robertson (B., Z.).
Downie, George Horn (B., C.).
Dunlop, Reginald Nairn (B., C.).
Edgar, Minna (B., Z.).
Ferguson, George (Z., P.).
Garrey, Gilbert (Z., C.).
Gartshore, David George Somerville (P., C.).
Gemmill, William (B., Z., C.).
George, William White (Z.).
Gilmour, John Ritchie (B., Z.).
Girvan, William (C.).
Gordon, George (B., P.).
Gordon, Helen Mary (C.).
Gordon, John Miller (B.).
Gow, Archibald (B., C.).
Granger, Andrew Parlane (B., C.).
Guthrie, John (B., P.).
Harlan, George Pillans (B., P.).
Harris, Saul Hyman (P.).
Henry, Francis Joseph (B., C.).
Hill, Isabel (Z.).
Hope, Charles Milburn (B., P.).
Hunter, Douglas Wm. (B., Z., P., C.).
Hutchison, Neil M'Coll (Z.).
Isbister, William Johnstone (B.).
Jeffrey, George Rutherford (B., P.).
Kilpatrick, Daniel Ross (P., C.).
King, Alexander (B.).
Lambie, John (B., Z., P.).
Lauder, Robert (Z.).
Linn, Alexander (B., Z., P., C.).
Lochrane, Frank (B., P.).
Lockhart, John (B., C.).
Logan, Alexander (Z., C.).
Logie, William Jamieson (B., C.).
Lusk, Joseph Paterson (Z., P.).
Magoveny, Edward (B., C.).
Masson, Wm. Alex. (B., Z., P., C.).
Menzies, Robert (B., P.).
Millar, James Grant (B., C.).
Miller, Janet Thomson (P., C.).
Mills, Robert Joseph (B., C.).
Milne, William Alexander (B., C.).
Moorhouse, Alice (B., Z.).
Morison, John (P., C.).
Muir, Allan Howie (B., C.).
Muir, John (B., Z.).
Macdonald, Coll (B.).
M'Dougall, Daniel Douglas (B.).
M'Ewen, Jessie Seath (B., Z.).

M'Glashan, William F. (B., Z., P., C.).
M'Laren, Thomas (B., Z.).
Maclean, Alexander (P., C.).
M'Lean, Hugh Archibald (B.).
M'Millan, Alexander M'Gaw (P., C.).
M'Pherson, James (Z., P.).
M'Vail, James Roy (B., P.).
Nisbet, John Dunn (C.).
Paton, John (C.).
Pirret, Mary Janet (B., Z.).
Pollock, Alexander M'Millan (P.).
Prentice, James Nimmo (P.).
Rankin, Thomas Hood (P.).
Reid, Peter Mackenzie (C.).
Richmond, Thomas (Z., P., C.).
Ritchings, Mary Ann Thompson (B.).
Robertson, Wm., Kilmarnock (B., C.).
Rodger, Thomas Ritchie (B., Z.).
Rodger, William George (B., C.).
Rogers, Norman Cumming (B., Z.).
Ross, Andrew Taylor (B., C.).
Ross, Charles James (Z., C.).
Ross, Elizabeth N. M. (B., Z., P., C.).
Sandler, David (B., P.).
Scott, Frank Donald (Z.).
Scott, Martha Hunter (B., Z.).
Sinclair, James John (B., Z.).
Sinnette, Malcolm Bernard G. (B., C.).
Sloan, Agnes Bankier (B., Z.).
Sloan, Elizabeth Macfarlane (B., Z.).
Steel, Donald (B.).
Strathearn, John (B., C.).
Swan, Robert Rennie (C.).
Todd, James Nathanael (B., C.).
Tomkinson, Joseph Goodwin (B., C.).
Turner, John Wright (B., C.).
Unsworth, John (Z.).
Valentine, Robert Warden (B., C.).
Walker, William Dinning (B.).
Wallace, Edith Christine (B., Z.).
Wallace, George Smith (B., C.).
Wallace, Thomas Irby (B., P.).
Warwick, Hugh Fleming (Z., P.).
Weston, John Forrest (Z., C.).
Wilson, David Ashley (Z., C.).
Wilson, David Watson (C.).
Wilson, John (B., C.).
Wilson, Thomas Watson (P., C.).
Wilson, Wm. Webster Watt (P., C.).
Wylie, William Robertson (Z., P., C.).
Wyper, James (Z.).
Young, Henrietta Fraser (B., Z., P.).
Young, John, Bearsden (C.).
Young, John, Glasgow (B., C.).
Young, Watson (B., P.).

April, 1898.

Anderson, Wm. Kirkpatrick (Z., C.).
Armitage, William (C.).
Ballantyne, Thomas (C.).
Banks, Alexander Grey (Z., C.).
Baxter, Andrew (B., P.).
Bell, Andrew Farm (Z., C.).
Bogle, George Thomson (C.).
Bowie, Thomas Fraser (B., Z.).
Bruce, Robert (Z., P.).
Bryson, Robert (B., Z., P., C.).
Burnett, Ernest Cecil (B., C.).
Caldwell, John Miller Hopkins (B.).
Campbell, Angus (Z., P.).
Campbell, Jane (P., C.).
Campbell, John Jas. Young (B., P., C.).
Campbell, Robert David (C.).
Carmichael, Daniel Lyall (B., P.).
Chapman, Edward Seymour (C.).
Chapman, Walter Bartlett (Z., C.).
Clark, George Herbert (C.).
Cowan, Samuel Campbell (Z., C.).
Dale, John Shedden (B., C.).
Davidson, David William (B., P.).
Dick, Alexander (Z., C.).
Dick, Mitchell Innes (B., Z.).
Donaldson, Hugh M'Millan (B., Z.).
Dow, William (Z., P.).
Edgar, Minna (P., C.).
Elder, William (B.).
Ferguson, George (B., C.).
Ferguson, James (Z., P.).
George, William White (B.).
Gilmour, James Prankard (Z., C.).
Gordon, John Miller (Z., P.).
Guthrie, John (Z., C.).
Hagerty, John Andrew (B., C.).
Haig, David (B., Z.).
Harris, Saul Hyman (Z., C.).
Higgins, Janet Bisland (B., Z.).
Hodge, Ronald Dingwall (Z., C.).
Huey, John Monnette (Z., C.).
Hunter, John Brown Dalzell (Z., C.).
Hunter, Matthew (B., P.).
Isbister, William Johnstone (C.).
Jeffrey, George Rutherford (Z., C.).
Kay, William Fletcher (Z.).
Kennedy, Alexander Dingwall (Z.).
Kerr, Andrew Miller (Z., C.).
Kilpatrick, Daniel Ross (B., Z.).
King, Alexander (C.).
Lambie, John (C.).
Leggat, Alexander (Z., C.).

Lewis, Stanley Everard (B., Z., P.).
Lochhead, Ethel MacLeod (P., C.).
Logie, William Jamieson (Z., P.).
Love, Thomas Walker (C.).
Lovett, Thomas (P., C.).
Manson, Robert Harry (B., Z.).
Menzies, Robert (Z., C.).
Mitchell, Alexander John (C.).
Mitchell, Allan Dixon (B., P., C.).
Moore, Samuel Johnston (B., P.).
Moorhouse, Alice (P., C.).
M'Cosh, Emilia Anne Eliza (P., C.).
Macdonald, Coll (P.).
Macfarlane, Alex. Armstrong (Z., C.).
Macintyre, Alexander (Z., C.).
Maclean, Alexander (B., Z.).
M'Lean, Hugh Archibald (C.).
Maclean, John (B.).
M'Millan, Alexander M'Gaw (B., Z.).
M'Millan, George W. (B., Z., P., C.).
Macphail, Dugald Henry (Z., C.).
M'Whan, Andrew Alexander (Z.).
Nicolson, James Stuart (Z., C.).
Nisbet, John Dunn (B.).
Orr, Robert (B., P.).
Paton, John (B.).
Pollock, Alex. M'Millan (B., Z., C.).
Prentice, James Nimmo (C).
Pryce, Ethel Jane Mildred (P.).
Rankine, Thomas (Z.).
Reid, Andrew Reid (Z., C.).
Reid, John Mark (Z., C.).
Renton, John Walker (P., C.).
Robertson, William, Blackwood (Z.).
Rodger, Thomas Ritchie (P., C.).
Rogers, Norman Cumming (P., C.).
Ross, Edward Henry (P., C.).
Russell, James (Z.).
Samson, John (Z., C.).
Sandler, David (Z.).
Schlomka, Robt. Clemens J. (Z., C.).
Scott, Frank Donald (B., P.).
Scott, Martha Hunter (P., C.).
Sinnette, Malcolm Bernard G. (P.).
Smith, Robert Cassels (B., C.).
Steel, Donald (C.).
Stewart, John (Z., C.).
Stewart, John, M.A. (Z.).
Stewart, John Barbour (Z., C.).
Thom, John Allan (Z., C.).
Turner, William Wagner (Z., C.).
Waldock, Ethel Maria (B., Z., P.).
Wallace, Edith Christine (P., C.).
Wallace, Robert (Z., C.).
Wallace, Thomas Irby (Z., C.).
Watt, Alexander Brown (B., P.).
Waugh, Peter Millar (P., C.).
Weston, John Forrest (P.).
Wilson, Archibald Simpson (B., C.).
Wilson, David Ashley (B.).
Wilson, James (B., C.).
Wyper, James (C.).
Young, Watson (Z., C.).

SECOND PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (A., Anatomy; P., Physiology; M., Materia Medica and Therapeutics):—

October, 1897.

Bennett, James Freeborn (M.).
Boyes, Auguste (M.).
Broad, William (A., P., M.).
Brownlie, Andrew (M.).
Calland, Thomas Bullough (A., M.).
Carruthers, Thomas, M.A. (A., P.).
Chalmers, James Robert (M.).
Cowan, David Maclure (A., P.).
Craig, John (A., P., M.).
Crawford, George Morris (A., P.).
Crerar, William (P., M.).
Crichton, Charles Peter Garvie (A., M.).
Cumming, Charles Cheven (M.).
Davidson, Sarah (M.).
Dickie, James Austin (P.).
Dickson, Frank Lindsay (M.).
Douglas, David Curr (P., M.).
Drummond, James (M.).
Ferguson, Hugh Campbell (M.).
Fleming, Marjorie King Henderson (M.).
Gardner, George (A., P.).
Gardner, John (A., P.).
Garry, George (M.).
Gibson, William (M.).
Goodman, Hyam, M.A. (M.).
Hardie, Mabel (M.).
Harrington, Archibald Wilson (A., P., M.).
Huey, Isaac Mackay (M.).
Hunter, Jessie Sophia Beatrix (A.).
Inglis, Thomas (A., M.).
Jamieson, Nicol (M.).

Kerr, Andrew (M.).
Love, Andrew (A., P., M.).
Millar, Ramsay (P., M.).
Miller, Hugh (M.).
Miller, Norman M'Leod (M.).
Mitchell, Ebenezer, M.A. (A., P.).
Morrison, Daniel (A., P.)
MacCulloch, Alexander (A., P., M.).
MacDonald, James Hogg (M.).
M'Fadyen, Peter (M.).
M'Gilchrist, John (M.).
M'Kendrick, Anderson Gray (A., P.).
Maclean, Charles Forbes (P., M.).
Maclean, George Todd, M.A. (A.).
MacLeod, Norman Forbes (M.).
Maclure, William Johnston (A., P.).
M'Millan, John (M.).
M'Neill, Ina Lochhead (M.).
Neill, Thomas (A., P.).
Patton, John (M.).
Picken, Thomas Stephens (A., P.).
Reid, John, Lanark (A., P., M.).
Rennie, Robert (A.).
Riddell, William Alexander (M.).
Robertson, Sara Maude (P., M.).
Robin, Arthur (M.).
Scott, James, M.A. (M.).
Shearer, James (M.).
Smith, Andrew James (A.).
Smith, David James (M.).
Spencer, Maud (M.).
Stalker, William Stewart (P., M.).
Steven, Peter Alexander (M.).
Stewart, Alfred George (M.).
Stewart, Frederic Richardson, M.A. (A., M.).
Stewart, James Douglas Brownlee (M.).
Taylor, Gertrude Florence Fleetwood (P.).
Taylor, Robert (A., P.).
Thomson, Charles Pinkerton (M.).
Thomson, William Brown (P., M.).
Tierney, Thomas Bird (A., P., M.).
Townley, Joseph Swinburne (A., P.).
Vost, Arthur (A., P., M.).
Walker, Edythe Marjorie Stewart (A., P.).
Watson, Alexander Laurie, M.A. (A., P., M.).
Wells, Alexander Simpson, M.A. (M).
Whyte, Robert Orr, M.A. (A., P., M.).
Wilson, Alexander (A., P.).
Wright, William (P., M.).
Young, John Doctor (M.).

April, 1898.

Arthur, George (A., P.).
Barbour, Gavin (A.).
Barclay, James Oastler (A., P.).
Bathgate, Thomas Thompson (A., P.).
Binning, Alexander (A., P.).
Brown, Harry Egerton (A., P.).
Brown, William Herbert (A., P.).
Brownlie, John Douglas (A., P.).
Burns, William Adam (P.).
Campbell, Gertrude Jane (A., P.).
Carruthers, Thomas, M.A. (M.).
Cathcart, Edward Provan (A., P.).
Clark, John Thomson (A.).
Clark, Robert (A., P.).
Cowan, David Maclure (M.).
Crawford, George Morris (M.).
Cuthbert, Charles Campbell, M.A. (A., P.).
Davidson, Archibald William Wallace (M.).
Davidson, James, M.A. (A., P.).
Dickie, James Austin (A., M.).
Dickson, Frank Lindsay (P.).
Duncan, John Pinkerton (A., P.).
Findlay, Leonard (A., P.).
Finlay, Comyn MacGregor (M.).
Fletcher, Duncan Johnstone (M.).
Forrest, John (A., P.).
Fraser, Alexander, M.A. (A., P.)
Fraser, Lizzie Thomson (A., P., M.).
Fraser, Matthew William (A.).
Gardner, George (M.).
Gardner, John (M.).
Garrey, Gilbert (A.).
Gemmell, James (M.).
Gillespie, Edward (A., P.).
Goodman, Hyam, M.A. (P.)
Gordon, Helen Mary (M.).
Gracie, John (A.).
Greig, Lila Stephenson (A., P.).
Henry, James Macpherson (A., P.).
Huey, Isaac Mackay (A., P.).
Jack, Thomas Hamilton (A., P.).
Jones, Pierce (M.).
Kennedy, John (P.).
Leys, Norman Maclean (A.).
Lickley, James Dunlop (A., P.).
Liston, Mary Forbes (A., P., M.).
Livingston, Donald M'Farlane (A., P.).
Logan, Alexander (A., P.).
Logan, David Dale (M.).

Lunan, Robert (P.).
Mains, Jacob (A., P.).
Mair, Andrew (A., P.).
Marshall, Jean Marion Farie (A., P., M.).
Marshall, Robert MacNab (A., P.).
Martin, Allan, M.A. (A., P.).
Mills, William Archibald (P.).
Mitchell, Ebenezer, M.A. (M.).
Moir, Alexander Robert (M.).
Moir, Peter (A., P.).
Morrison, Daniel (M.).
Myhre, Karen Margrethe (M.).
M'Dougall, James William (M.).
M'Kendrick, Anderson Gray (M.).
M'Kinnon, George Steventon (P.).
Mackinnon, James (A., P.).
Maclean, George Todd, M.A. (P.,M.).
Maclure, William Johnston (M.).
Maclurkin, Alfred Robert (M.).
M'Phee, Burgess (M.).
Neill, Thomas (M.).
Paterson, David Stewart (A., P.).
Paterson, Robert, (A., P.).
Picken, Thomas Stephens (M.).
Pollock, William Barr Inglis (A., P., M.).
Reid, Peter Mackenzie (A.).
Rennie, Robert (P., M.).
Richmond, John Duncan (A., P.).
Ritchie, Margaret Mitchell (A., P.).
Ritchings, Mary Ann Thompson (M.).
Russell, David (A., P.).
Shannon, David (A.).
Sharp, Edgar William (A., P., M.).
Smith, Christian Cleland Wood (A., P., M.).
Smith, John Steele (A., P., M.).
Stalker, William Stewart (A.).
Stewart, Andrew (P.).
Stewart, Frederic Richardson, M.A. (P.).
Talbot, Mabel (A., P.).
Taylor, Robert (M.).
Thom, Robert Bryers (M.).
Townley, Joseph Swinburne (M.).
Turnbull, James Cameron (A., P.).
Wainright, Albert Ernest (A., P.).
Walker, Edythe Marjorie Stewart (M.).
Wildish, George Henry (M.).
Williams, Morgan Watkin (P., M.).
Wilson, Alexander (M.).
Wilson, Thomas Watson (A., P.).
Wilson, William Webster Watt (P.).
Wright, Hugh Patrick (A.).
Young, John, Glasgow (A., P.).

THIRD PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (P., Pathology; M., Medical Jurisprudence and Public Health):—

October, 1897.

Ballantyne, Robert Fisher (P., M.).
Barrowman, James (P., M.).
Bennett, William (M.).
Boleyn, John George Wilson (M.).
Brunton, John (P., M.).
Buchan, John James (P., M.).
Campbell, Ranald Douglas (P., M.).
Carruthers, James, M.A. (P., M.).
Carswell, Robert, M.A. (P., M.).
Currie, John Ronald, M.A. (P., M.).
Findlay, James Fulton (P., M.).
Fullarton, Robert, M.A. (M.).
Gardner, Mary (P., M.).
Garrow, Alexander (M.).
Green, James Garden (M.).
Harvey, David Sloan (P., M.).
Heap, Harold Smith (M.).
Jersey, Ernest Fred. Lionel de (P., M.).
Jones, Edward William Reese (P., M.).
Jubb, Archibald (P., M.).
Lang, Andrew Stewart (P.).
Leitch, John Wilson, M.A. (P.).
Lorimer, Jane (P.).
Mitchell, Percival Ambler (P., M.).
Macewan, Archibald Turner (P., M.).
M'Kinlay, Dugald (P., M.).
Macnair, Alfred Duncan (P., M.).
M'Neil, Margaret Wallace Howie (M.).
M'Neill, Margaret Elizabeth (P., M.).
Neill, William Gardner (P., M.).
Pearce, Percival Leslie (M.).
Prowse, Jean Effie (P.).
Steel, William Hart, B.A. (P.).
Stevenson, Francis (P.).
Stokes, Frederick Ernest (P., M.).
Strang, Thomas Morton (P., M.).
Taylor, Andrew (P., M.).
Turner, Henry Nisbet (P., M.).
Watson, Robert Andrew Hannan (M.).
Webster, William (P., M.).

April, 1898.

Baxter, James Napier (P., M.).
Bennett, James Freeborn (P.).
Broad, William (P., M.).
Calland, Thomas Bullough (M.).
Cassells, Alex. Henderson (P., M.).
Chalmers, James Robert (P.).
Crerar, William (P.).
Cullen, John (P., M.).
Cumming, Charles Cheven (P., M.).
Davie, John Lithgow (P., M.).
Douglas, David Curr (P.).
Drummond, James (P.).
Dunlop, Binnie (P., M.).
Ferguson, Hugh Campbell (P.).
Gibson, William (P.).
Granger, Jessie Downie (P., M.).
Grant, Jane (P., M.).
Green, James Garden (P.).
Hardie, Mabel (P.).
Hunter, Jessie Sophia Beatrix (P., M.).
Inglis, Thomas (P., M.).
Kerr, Andrew (P.).
Lang, Andrew Stewart (M.).
Leitch, John Wilson, M.A. (M.).
Longmire, Mary (P., M.).
Millar, Ramsay (P.).
Miller, Hugh (P.).
Milne, Ernest Wardlaw (P.).
Macdonald, James Hogg (P.).
M'Fadyen, Peter (P.).
M'Gilchrist, John (P.).
Maclean, Charles Forbes (P.).
MacLeod, Norman Forbes (P.).
M'Millan, John (P., M.).
M'Neill, Ina Lochhead (P., M.).
Patton, John (P., M.).
Prowse, Jean Effie (M.).
Reid, John, Lanark (P., M.).
Riddell, William Alexander (P.).
Robertson, Sara Maude (P., M.).
Robin, Arthur (P.).
Scott, James, M.A. (P.).
Smith, Catherine Love (P., M.).
Smith, David James (P.).
Smith, James Johnston (P., M.).
Steel, William Hart, B.A. (M.).
Steven, Peter Alexander (P.).
Stevenson, Francis (M.).
Stewart, Alfred George (P.).
Taylor, Gertrude Florence Fleetwood (P., M.).
Thomson, Charles Pinkerton (P.).
Thomson, Wm. Brown (P.).
Vost, Arthur (P., M.).
Watson, Alex. Laurie, M.A. (P.).
Wells, Alex. Simpson, M.A. (P.).
Whiteford, Sara (M.).
Whyte, Robert Orr, M.A. (P.).
Wright, William (P.).
Young, Grace Lorrain (P., M.).
Young, John Doctor (P., M.).

FOURTH PROFESSIONAL EXAMINATION.

The following passed the whole Examination (Surgery and Clinical Surgery; Practice of Medicine and Clinical Medicine; Midwifery):—

July, 1897.

Allan, Alexander Smith.
Alston, James.
Burns, William Cochran.
Cairns, David Louis.
Charteris, Francis James.
Clarke, Joseph Adam.
Coats, George.
Coats, George William.
Cochran, James Duncan.
Corbett, Joseph Muir.
Findlay, Walter Scobie, M.A.
Fleming, James Finlayson.
Forrester, Adrian Andrew.
Garvie, Thomas Bonnar.
Harrison, Lawrence Whitaker.
Hunter, Thomas, M.A., B.Sc.
Lawrie, Alexander.
Lindsay, William Mitchell.
Liston, William Glen.
Little, John Watson.
MacDonald, John.
M'Haffie, James.
M'Kail, David.
M'Queen, James, M.A.
Ormond, James Service.
Reid, John (Glasgow).
Scott, Norman Emil Henry.
Scott, Robert.
Sloan, Alexander Bankier.
Sloan, Samuel Macfarlane.
Smith, David Steele.
Smith, Jessie Hawkesworth.

Stewart, John M'Callum.
Strang, James.
Thomas, Daniel Rees.
Thomson, Walter Lewis.
Walker, William James Alex.
Watson, William.
Watt, Ernest.
Weir, Edward Roberts.
Wotherspoon, John.
Young, David John.

The following passed in the subjects indicated (S., Surgery and Clinical Surgery; P., Practice of Medicine and Clinical Medicine; M., Midwifery):—

July, 1897.

Blair, George MacLellan (P., M.).
Broadway, Theodore Belchambers (P., M.).
Buckley, Lucy, B.Sc. (S., M.).
Macdonald, Murdoch (M.).
Macfarlane, Minna Amelia (P., M.).
Taylor, Matthew Logan (S., M.).
Wyper, William (S., M.).

October, 1897.

Blair, George MacLellan (S.).
Macfarlane, Minna Amelia (S.).
Taylor, Matthew Logan (P.).
Wyper, William (P.).

IV.—FOR DEGREE OF B.Sc.

OLD REGULATIONS.

IN CHEMISTRY.

October, 1897.
Cumming Robert, B.D.

REGULATIONS OF 1890.

In Natural Science.

SECOND EXAMINATION—EXPERIMENTAL PHYSICS, CHEMISTRY.

October, 1897.
Wingate, Thomas Paterson.

In Engineering Science.

MATHEMATICS.

October, 1897.

Dickson, James Moir.
Gourlay, Charles.

NATURAL PHILOSOPHY.

October, 1897.

Malcolm, John.
Paterson, Joseph Barr.

GEOLOGY.

October, 1897.
Paterson, Joseph Barr.

REGULATIONS OF 1892.

A. In Pure Science.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1897.

Anderson, William (Chemistry).
Bostock, Gertrude Dorman (Biology, Natural Philosophy).

Dunlop, James Slater, M.A. (Chemistry).
Fraser, Kate (Natural Philosophy, Chemistry).
Henderson, James Alex. Russell (Mathematics).
Lindsay, William Anderson, M.A. (Chemistry).
Lynn, Robert Rankine (Natural Philosophy).
Ross, John Johnston, B.A. (Chemistry).
Wood, Alexander (Natural Philosophy).

April, 1898.

Douglas, Donald, M.A. (Botany).
Fraser, Kate (Zoology).
Hutton, Malcolm (Natural Philosophy).
Matheson, Alexander (Chemistry).
M'Kenzle, Ivy, M.A. (Chemistry).
Walker, Isabel M'Gregor (Chemistry).

FINAL SCIENCE EXAMINATION—PORTION.

October, 1897.

Clark, Robert Macfarlane (Chemistry).
Pirret, Ruth (Mathematics).
Smith, Andrew (Chemistry).

April, 1898.

Clark, Daisy Annabella Murdoch (Zoology).
Duncan, John Pinkerton (Anatomy, Physiology, Zoology).
Martin, Allan, M.A. (Anatomy, Physiology).
Pirret, Ruth (Chemistry, Physiology).

B. In Engineering.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1897.

Dawe, John Nanscawen (Chemistry, Chemical Laboratory).
Downie, Andrew Marshall (Ordinary Mathematics, Physical Laboratory, Chemistry).
Guest, Lionel George William (Ordinary Mathematics, Chemistry, Chemical Laboratory).
Henderson, John Francis (Ordinary Natural Philosophy, Chemistry).
Hutchison, Stephen (Higher Mathematics, Chemistry).
Munro Hugh (Higher Mathematics, Ordinary Natural Philosophy, Chemistry).
MacFarlane, Charles Selby Lennox (Ordinary Natural Philosophy, Chemistry).
M'Intosh, James Rae (Higher Mathematics).
Smart, Lewis Anderson (Ordinary Natural Philosophy).
Walker William (Ordinary Natural Philosophy).
Wallace, Hugh (Chemistry, Chemical Laboratory).
Warrack, John (Chemistry).
White, John (Chemistry, Chemical Laboratory).
Whitelaw, Andrew Hepburn (Higher Mathematics).
Workman, Robert Ernest (Ordinary Natural Philosophy, Chemistry, Chemical Laboratory).

April, 1898.

Aitchison, James (Ordinary Mathematics).
Ballantyne, William Henry (Higher Mathematics, Ordinary Natural Philosophy, Physical Laboratory).

Barbour, John Hutchison (Higher Mathematics).
Bell, James Malcolm (Higher Natural Philosophy).
Birkett, Hugh de Paynesley (Ordinary Mathematics, Chemistry, Chemical Laboratory).
Dawe, John Nanscawen (Ordinary Natural Philosophy).
Downie, Andrew Marshall (Higher Mathematics, Ordinary Natural Philosophy).
Dyer, Robert Morton (Chemistry).
Henderson, John Francis (Physical Laboratory).
Henderson, John Gordon (Higher Mathematics, Ordinary Natural Philosophy, Chemistry, Chemical Laboratory).
Hutchison, Stephen (Ordinary Natural Philosophy, Physical Laboratory).
La Torre, Charles (Ordinary Natural Philosophy).
Munro, Hugh (Higher Natural Philosophy, Physical Laboratory).
M'Intosh, James Rae (Higher Natural Philosophy, Physical Laboratory).
[1] Macmillan, Archibald Morven (Higher Natural Philosophy).
Neilson, Robert Thomson (Chemistry, Chemical Laboratory).
Stewart, Harry Sinclair (Higher Mathematics).
Vost, James (Higher Mathematics, Ordinary Natural Philosophy).
Warrack, John (Higher Mathematics, Higher Natural Philosophy).
Whitelaw, Andrew Hepburn (Chemistry, Chemical Laboratory).

FINAL SCIENCE EXAMINATION—PORTION.

October, 1897.

Macmillan, Archibald Morven (Electricity—Pure and Applied).
Paton, James (Naval Architecture and Drawing).

April, 1898.

Bell, James Malcolm (Engineering Laboratory—Electrical).
Douglas, Charles Stuart (Naval Architecture and Drawing).
Dunn, Andrew (Engineering and Drawing).
French, James Weir (Engineering and Drawing, Geology and Mineralogy).
[2] Macmillan, Archibald Morven (Engineering and Drawing).
Paton, James (Engineering).
Strang, William Guthrie (Engineering and Drawing).
Walker, Archibald Craig (Geology and Mineralogy).
Walker, William (Naval Architecture).
[2] Wallace, Hugh (Engineering and Drawing, Engineering Laboratory—Electrical).
Williams, Owen Richard (Engineering and Drawing, Engineering Laboratory—Electrical).

V.—FOR DEGREE OF M.A.

OLD REGULATIONS.

1. IN CLASSICAL LITERATURE.

October, 1897.

Barclay, David Yates.
Cochran, Alexander.
Crawford, John.
Douglas, William.
Paterson, William Semple.
Reid, William Park.
Thomson, Hector M'Ewan.

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[1] With Special Distinction in Higher Natural Philosophy.
[2] With Special Distinction in Engineering and Drawing.

April, 1898.

Forrest, Walter.
Govan, Robert Storer.
Meiklejohn, James.
M'Gown, George William Thomson.
Walker, David.

2. IN MENTAL PHILOSOPHY.

October, 1897.

Conacher, Peter.
Macleod, Adam Gordon.
Turnbull, George Goodfellow.

April, 1898.

Dewar, James Maxwell.
Fleming, James Burns.
MacMartin, Gregory Paul.
Souter, Alexander Macleod.

3. IN MATHEMATICS AND NATURAL PHILOSOPHY.

October, 1897.

Cameron, Thomas.
Falconer, James.
Kesson, Colin Mackay.
Miller, David.

April, 1898.

Buchanan, Peter.
Hercus, John.
Millar, Matthew.
M'Call, James.
Macleod, John.
Saull, William John.
Scott, Daniel.
Smith, John Seaton.

NEW REGULATIONS.

A.—LANGUAGE AND LITERATURE.

LATIN.

October, 1897.

Allan, Alexander.
Anderson, John.
Baird, James William (II. Hon.).
Bell, Robert William.
Buchanan, Hugh Reid.
Butters, Harry.
Campbell, Andrew.
Craig, Thomas.
Dow, Samuel Hugh.
Dow, William Robert.
Fulton, Margaret Graham.
Gibson, Cameron Robertson.
Girvan, Ritchie (III. Hon.).
Guthrie, John.
Hamilton, Adam (I. Hon.).
Harvey, John (I. Hon.).
Hay, Grace Foulis (II. Hon.).
Hutson, William.
Jordan, James William.
Levine, Rachel.
Mitchell, James Alfred.
Morton, William Topping.
Murray, Lewis Davidson.
M'Cracken, William Rennie.
M'Ewan, Thomas.
Mackay, Hector William.
O'May, Daniel.
Otty, John Edgar Sugden.
Pryde, James Johnstone.
Robertson, William.
Russell, Alexander.
Selkirk, William Alex. Rattray.
Thomson, Katherine.
Young, James.
Young, John Finlayson.

April, 1898.

Alexander, Thomas.
Anderson, Douglas Reid.
Arnott, John Thomas.
Arthur, Minnie Louise.
Auld, William.
Barrowman, Mary.
Begg, William Henderson (I. Hon.).
Blackwood, Thomas Millar.
Blythe, Walter.
Brechin, Margaret Blackley.

Buik, George.
Callander, Mary.
Campbell, Daniel Kirkwood.
Campbell, Mary Isa.
Carmichael, David Gordon.
Chalmers, Humphry.
Chisholm, James.
Drew, Charles Milligan.
Dunlop, Annie.
Dyer, James Ferguson.
Elliot, John James.
Fairweather, Wallace Cranston.
Fotheringham, James Boath.
Fulton, William (I. Hon.).
Galbraith, James Brunton.
Gemmell, John Justice.
Gibson, John Gemmel.
Gillies, John.
Gillies, William Alex.
Gilmour, John (Glasgow).
Goldie, Alexander.
Goold, Marshall Newton.
Graham, Thomas.
Hamilton, Robert Cumming.
Hamilton, Robert John.
Hamilton, Robert Scott.
Harrison, Annie Dorothy.
Hutchison, David M'Cowan.
Keir, David Robert M'Kenzie.
King, Maurice John.
Lamb, Agnes Charlotte.
Lamont, Alexander.
Lean, Ronald.
Lindsay, Edith Margaret.
Lowe, Theodore David.
Millar, Robert.
Miller, Steuart Napier.
Milroy, James.
Morison, Norman John.
Morrison, Kate.
Mort, Frederick.
Motherwell, Margaret Jeffrey.
Muir, George.
Mungo, David Brown.
Murphy, Henry.
Murray, Dorothy Noble Tennant (II. Hon.).
M'Ara, Jenny.
MacBean, Alexander.
M'Clure, May Spiers.
M'Cririck, Thomas.
MacDonald, James George.
Macdonald, John (Ullapool).
Macdonald, Walter George.
MacDonald William Elder.
M'Dougall, Thomas.
MacGregor, James.
M'Ilravey, Charles Gordon (II. Hon.).
M'Ilroy, Isabella Beattie.
M'Ilroy, Jane Hamilton.
M'Leish, David James.
MacMillan, Peter.
M'Quistan, Dougald Black.
Paterson, Andrew.
Patterson, John,
Pickering, Mabel King.
Reid, John.
Reith, George Douglas.
Roberts, Eric James.
Robertson, Berkeley Hope.
Scott, Robert Lowrie.
Simpson, Mary.
Sinclair, James.
Stark, Margaret Maxwell.
Steel, James.
Stevenson, George Hope.
Stirling, James Neilson.
Stirling, John.
Strathern, James.
Struthers, James.
Tait, William Marshall.
Tannahill, Constance (III. Hon.).
Taylor, David Gladstone.
Thomson, Alexander Dunbar.
Thomson, Jane Chisholm.
Turner, Stanley Horsfall.
Waddell, James.
Watt, Robert.
Wiseman, William Reid.
Wiseman, William Richard.
Wylie, Thomas Kirkwood.
Young, Charles Alex.

GREEK.

October, 1897.

Anderson, John.
Baird, James William (II. Hon.),
Brown, Alexander.
[1] Buchanan, Hugh Reid.
Campbell, Andrew.
Condie, George.
Donald, Thomas Walter.
Ferguson, John.

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[1] Special Examination (translating into English) with view to Honours in Mental Philosophy.

Girvan, Ritchie (III. Hon.).
Hamilton, Adam (I. Hon.).
Harvey, John (I. Hon.).
Hay, Grace Foulis (II. Hon.)
Jack, James.
M'Donald, Roderick Gray.
M'Ewan, Thomas.
M'Gill, Robert Wilson.
Mackay, Hector William.
O'May, Daniel.
Osborne, George Edward Bell.
Russell, Alexander.
Scott, Alex. M'Callum.
Sellar, Alexander.
Smith, Peter George.
Stevenson, Wm. David Henderson.
Tannahill, Agnes Mary.
Towers, Joseph Watson.
Walker, Joseph.

April, 1898.

Anderson, Harry Angus Patterson.
Barnes, Joseph.
Begg, William Henderson (I. Hon.).
Bell, Andrew.
Blackwood, Thomas Millar.
Carstairs, George.
Darroch, Neil Donald.
Drew, Charles Milligan.
Dyer, James Ferguson.
Fairweather, Wallace Cranston.
Fulton, William (I. Hon.).
Galbraith, James Brunton.
Gemmell, John Justice.
Gillies, John.
Gillies, William Alex.
Goold, Marshall Newton.
Graham, Thomas.
Hutchison, David M'Cowan.
Keir, David Robert M'Kenzie.
King, Maurice John.
Miller, Steuart Napier.
Milne, Robert.
Murray, Dorothy Noble Tennant (II. Hon.).
M'Callum, John Duncan.
MacDonald, James George.
MacDonald, William Elder.
M'Ilravey, Charles Gordon (II. Hon.).
M'Leish, David James.
M'Quistan, Dougald Black.
Orr, John.
Paterson, Walter Mundell.
Reith, George Douglas.
Stevenson, George Hope.
Sutherland, William Sinclair.
Symington, Thomas Struthers.
Tait, William Marshall.
Tannahill, Constance (III. Hon.).
Taylor, David Gladstone.
Torrance, James.
Watt, Hugh.
Wells, Robert Tait.
Wiseman, William Richard.
Wylie, Thomas Kirkwood.

ENGLISH.

October, 1897.

Allison, Jane Maclure.
Arthur, Minnie Louise.
Bowie, John.
Campbell, Thomas Murdoch.
Carmichael, James.
Chisholm, John.
Dick, Charles.
Donald, Thomas Walter.
Donaldson, James Robertson.
Faulds, James.
Fulton, William Wylie (II. Hon.).
Morrison, Angus John.
Muir, James Chrystal.
MacGregor, Gregor.
M'Ilroy, Jane Hamilton.
Mackenzie, Alexander.
M'Lean, Elizabeth Rankin.
Paterson, Andrew.
Robertson, William.
Templeton, James.
Webber, Henry Givan.
Williams, Richard Robert (III. Hon.).

April, 1898.

Abernethy, William.
Alexander, Hugh.
Armour, Helen Maxwell.
Auchinachie, Alexander.
Babington, Matthew.
Bain, David.
Baird, William.
Begg, Robert Henderson.

Bennett, Thomas.
Berry, William Boyd.
Black, Archibald Campbell.
Blyth, Vincent James.
Brown, Alexander.
Brown, John (Glasgow).
Buik, George.
Campbell, Andrew.
Campbell, David Whyte Buist Fleming.
Carrick, Peter.
Clark, Donald James.
Cromar, Arthur Henry.
Dow, William Robert.
Dunlop, Alexander Slater.
Erskine, Robert.
Forsyth, William.
Galbraith, George.
Gavin, Michael.
Gibson, Cameron Robertson.
Hamilton, Robert Cumming.
Hanson, John.
Harvey John.
Hood, James.
Hume, James.
Hunter, Thomas Macmillan.
Hutson, William.
Inglis, Henry Alexander.
Jones, Owen Lloyd.
Jones, Thomas.
Jordan, James William.
Leckie, James.
Lochhead, Alice Mary.
Mann, John Charles.
Martin, John Allan.
Miller, John (Falkirk).
Milroy, James.
Mitchell, Edward Rosslyn.
Mitchell, John.
Morrison, Duncan.
Morton, William Topping.
M'Cririck, Thomas.
M'Curtain, Mary Gillespie.
M'Donald, Roderick Gray.
M'Ewan, Robert.
M'Ilravey, Charles Gordon.
M'Iver, Murdoch.
M'Kenzie, Archibald.
Macleod, Kenneth Olaus.
Macnab, William.
M'Pherson, Peter.
Neilson, Thomas.
Osborne, George Edward Bell.
Rankin, William.
Risk, William John.
Rutherford, William Steel.
Scott, Robert Lowrie.
Scott, William (Glasgow)
Scrymgeour, James.
Shearer, John (Glasgow).
Shearer, Robert Walter Rogerson.
Sheridan, James.
Smith, Alexander.
Smith, Ernest Gardiner.
Steel, James.
Strang, Alexander.
Tannahill, John Roy.
Taylor, Walter Ross.
Tulloch, Arthur Penrhyn Stanley.
Turner, George Douglas.
Turner, Stanley Horsfall.
Wason, Alexander.
Wells, Robert Tait.
Williamson, Alexander.
Young, James.

FRENCH.

October, 1897.

Berry, William Boyd.
M'Lean, Elizabeth Rankin.

April, 1898.

Biss, Evan Ebenezer.
Fulton, Margaret Graham.
Gibson, Agnes.
Gilchrist, Jessie Lyon.
Harrison, Annie Dorothy.
Henderson, Elizabeth Williamson.
Herriot, Catherine Willox.
Livingston, Margaret Hay.
Pickering, Mabel King.
Wilson, Alex. Cunningham.

GERMAN.

April, 1898.

Arthur, Minnie Louise.
Fulton, Margaret Graham.
Morrison, Kate.
Tannahill, Margaret Garrow.

HEBREW.

October, 1897.

Ogilvy, John Urquhart.

April, 1898.

Henderson, Peter.
Scott, William (Lanark).

B.—MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS.

October, 1897.

Alexander, Hugh.
Anderson, Norman Carrick.
Craig, James Ferguson.
Dick, Charles.
Dixon, Sydney.
Johnston, James (I. Hon.).
Menzies, William.
Monteith, John Cassels.
Murphy, Henry.
Macalister, William Grierson.
M'Clelland, James.
M'Donald, Roderick Gray.
Risk, William John.
Scott, Alex. M'Callum (III. Hon.)
Scott, Andrew Boyd (I. Hon.).
Thomson, John Scoular (I. Hon.).
White, Robert George.

April, 1898.

Anderson, Harry Angus Patterson.
Armour, Helen Maxwell.
Auchinachie, Alexander.
Bell, Robert William.
Black, Archibald Campbell.
Black, James Macdougall.
Blair, David Logan.
Brechin, Margaret Blackley.
Brown, Alexander.
Brown, John (Glasgow).
Burns, Alexander.
Chisholm, John.
Condie, George.
Connor, Agnes Muir.
Coubrough, Anthony Cathcart.
Diamond, Harry.
Faulds, James.
Franks, Richard Lister.
Fraser, James.
Galbraith, George.
Gavin, Michael.
Gibson, Agnes.
Gilchrist, Jessie Lyon.
Gilfillan, Brodie Smith.
Gilmour, John (Blackford).
Girvan, Ritchie.
Hunter, Thomas Macmillan.
Hutton, Mina Macarthur.
Inglis, Henry Alexander.
Kelly, Isobel Stewart.
Lowe, Peter, B.Sc.
Mann, John Charles.
Miller, Robert Bennett.
Milne, Francis William.
Morton, William Topping.
Muir, James Chrystal.
M'Creadie, Anthony.
M'Iver, Murdoch.
Mackay, Hector William.
M'Leish, Alexander.
M'Leod, Daniel.
Macleod, Kenneth Olaus.
M'Taggart, Duncan.
Neilson, Thomas.
Otty, John Edgar Sugden.
Paterson, Thomas (Blantyre).
Rankin, William.
Runciman, James Watson.
Russell, Susan Jack.
Rutherford, William Steel.
Scrymgeour, James.
Shaw, Alexander.
Shearer, Robert Walter Rogerson.
Smith, Alexander.
Smith, Ernest Gardiner.
Smith, Peter George.
Stark, Margaret Maxwell.
Stewart, John Logan.
Strang, Alexander.
Sutherland, William Sinclair.
Symington, Thomas Struthers.
Tannahill, Margaret Garrow.
Tannock, William.
Taylor, Walter Ross.
Turner, George Douglas.
Williamson, Alexander.
Wylie, Jessie Reid.
Young, James.

MORAL PHILOSOPHY.

October, 1897.

Beith, Peter.
Blyth, Vincent James.
Bowie, John.
Brown, John.
Crawford, David.
Ferguson, John.
Frame, Robert.
Johnston, James (I. Hon.).
Kyle, David.
Matheson, Charles.
M'Farlan, Donald.
Paterson, David Stewart.
Riddell, Andrew Lindsay.
Scott, Alexander M'Callum (III. Hon.).
Scott, Andrew Boyd (I. Hon.).
Scouller, Andrew.
Smith, David Baird.
Stewart, David Macfarlane.
Thomson, John Scoular (I. Hon.).
Wells, Robert Tait.

April, 1898.

Adam, Henry Harper.
Allison, Jane Maclure.
Baird, James.
Barnes, Joseph.
Begg, Robert Henderson.
Bell, Andrew.
Bennett, Thomas.
Berry, William Boyd.
Binnie, Marion King.
Biss, Evan Ebenezer
Blair, Isabella Brown.
Burns, Alexander.
Butters, Harry.
Campbell, Mary Isa.
Cappell, James.
Chisholm, James.
Chisholm, John.
Condie, George.
Core, William.
Coubrough, Anthony Cathcart.
Cross, Alexander.
Dick, Charles.
Dick, William.
Dunlop, Annie.
Franks, Richard Lister.
Fraser, James.
Fulton, John.
Gibson, Cameron Robertson.
Gilchrist, Jessie Lyon.
Gillan, William Woodburn.
Gray, John (Airdrie).
Haddow, Alexander.
Hannah, Elizabeth.
Harrison, Annie Dorothy.
Henderson, Elizabeth Williamson.
Henderson, Peter.
Hyslop, William.
Inglis, Henry Alexander.
Jack, James.
Johnston, John Dalrymple.
Jones, Thomas.
Lindsay, Alexander Dunlop.
Lindsay, Margaret Elizabeth.
Love, John Alex. Anderson.
Mair, Jeanie.
Martin, Robert Howie.
Masterton, Robert Shaw.
Matheson, Alexander.
Menzies, William.
Milne, Francis William.
Montgomerie, William.
Muir, John.
Muirhead, Alfred Patman.
Macalister, William Grierson.
M'Clelland, James.
M'Cracken, William Rennie.
M'Creadie, Anthony.
M'Cutcheon, James White.
M'Donald, Roderick Gray.
M'Ewan, Thomas.
MacGregor, Gregor.
MacGregor, James.
Mackay, Alexander Borthwick.
Mackay, Hector William.
Mackenzie, Alexander.
Mackenzie, Alex. Ronaldson.
Mackintosh, James Semple.
M'Lean, Elizabeth Rankin.
M'Leish, Alexander.
Macnab, George.
M'Neill, John Victor.
M'Taggart, Duncan.
Napier, Andrew.
Nicol, Roderick Macdonald.
Otty, John Edgar Sugden.
Paterson, Thomas (Glasgow).
Pattison, Thomas.
Picken, David Kennedy.

Ramsay, Peter.
Robertson, Howard Hope.
Russell, John Cooper.
Selkirk, Wm. Alex. Rattray.
Sinton, Alexander.
Smith, Alex. MacEwen.
Stevenson, Wm. David Henderson.
Stewart, John Logan.
Stewart, Thomas.
Stratton, William.
Sutherland, Arthur William.
Tannahill, John Roy.
Tannock, William.
Templeton, James.
Wilson, James Robertson Sweet.
Wishart, George Baird.
Wright, Thomas Grieve.
Young, John Finlayson.
Young, Peter Taylor.

POLITICAL ECONOMY.

October, 1897.

Bell, Andrew.
Mackenzie, Alexander.
Scott, William (Glasgow).
Stewart, George.
Templeton, James.

April, 1898.

Bain, David.
Beith, Peter.
Berry, William Boyd.
Black, James Macdougall.
Craig, Thomas.
Fraser, James.
Galbraith, George.
Gillan, William Woodburn.
Hanson, John.
Murray, Lewis Davidson.
M'Donald, Alexander.
MacGregor, James.
M'Kerral, Andrew.
M'Laren, Robert.
Napier, Andrew.
Neilson, Thomas.
Otty, John Edgar Sugden.
Pryde, John Marshall.
Shearer, Robert Walter Rogerson.
Smith, Alexander.
Tannahill, Agnes Mary.
Wishart, Hugh Ritchie.
Yuill, Isobel.

THEORY, HISTORY, AND ART OF EDUCATION.

October, 1897.

Hamilton, Robert Scott.
Hyslop, William.

April, 1898.

Allison, Jane Maclure.
Campbell, Andrew.
Campbell, Daniel Kirkwood.
Clark, Donald James.
Crawford, David.
Cross, Alexander.
Dow, William Robert.
Forsyth, William.
Fulton, Margaret Graham.
Hamilton, Robert Cumming.
Kerr, William.
Leckie, James.
Levine, Rachel.
Martin, John Allan.
Milroy, James.
Morton, Alexander Dickie.
M'Cririck, Thomas.
M'Curtain, Mary Gillespie.
M'Kenzie, Alexander Ronaldson.
M'Kenzie, Archibald.
Ogilvie, George.
Reid, Maggie Miller.
Shanks, Andrew.
Shearer, John (Armadale).
Small, Andrew John.
Steele, Thomas.
Thomson, Alex. Dunbar.
Walker, Joseph.
Wilson, Samuel.
Wiseman, William Reid.

PHILOSOPHY OF LAW.

April, 1898.

Cameron, William Francis.

C.—SCIENCE.

MATHEMATICS.

October, 1897.

Buchanan, Hugh Reid.
Cameron, Donald Cunninghame.
Clark, James Miller.
Core, William.
Dixon, Sydney.
Douglas, Robert.
Dyer, Charles Henry.
Fraser, Margaret Coats.
Fulton, Margaret Graham.
Gillan, William Woodburn.
Gilmour, John (Glasgow).
Henderson, James Ewart (II. Hon.).
Hutson, William.
Hutton, Mina Macarthur.
Ker, James Campbell (I. Hon.).
Martin, John Allan.
Menzies, William.
Milne, John Neil.
Mitchell, John.
Morrison, Kate.
Morton, William Topping.
Muir, John.
Murphy, Henry.
Murray, Arthur Erskine.
M'Ara, Jenny.
MacGregor, James.
M'Phun, Margret Pollock.
Otty, John Edgar Sugden.
Raeburn, William Norman.
Roberts, Eric James.
Ross, Neil.
Scott, Robert Lowrie.
Scrymgeour, James.
Stewart, David Macfarlane (I. Hon.).
Stewart, Jane Buchanan.
Stewart, Robert William.
Stirling, Francis Purser Holbrooke.
Taylor, Walter Ross.
Wason, Alexander.
Webber, Henry Givan.
Wells, Robert Tait.
Wightman, William M'Caig.
Wishart, Hugh Ritchie.
Wylie, Jessie Reid.

April, 1898.

Alexander, Thomas.
Arnott, John Thomas.
Baird, William.
Rarnes, Joseph.
Bennett, Thomas.
Binnie, Marion King.
Blackwood, Thomas Millar.
Blue, Dugald.
Boyd, Mary Russell.
Buchan, William Henderson.
Busby, William Edward.
Callander, Mary.
Campbell, Andrew.
Douglas, William.
Dunlop, Alexander Slater.
Farquharson, Wm. Henry Stuart.
Gardner, Alex. Aitken (I. Hon.).
Gibson, John Gemmel.
Gillies, John.
Goldie, Alexander.
Hardie, William Towers.
Herriot, Catherine Willox.
Hunt, Helena Dorothy.
Hutchison, David M'Cowan.
Jack, James.
Keen, Isaac.
Kinloch, John Laing.
Kirkhope, Hugh.
Lamont, Alexander.
Lindsay, Edith Margaret.
Livingston, Margaret Hay.
Low, Thomas.
Mann, John Charles.
Matheson, Charles.
Millar, George Smith.
Mitchell, Edward Rosslyn.
Morison, Norman John.
Muir, George.
MacAlister, Malcolm.
M'Clure, May Spiers.
Macdonald, Walter George.
M'Dougall, Peter.
M'Dougall, Thomas.
M'Farlane, Hugh.
Mackay, Samuel Francis Henderson.
M'Leish, Alexander.
M'Leish, David James.
Macleod, Kenneth Olaus.
M'Millan, Joseph Falconer.
M'Murtrie, Thomas Robert.
Macnab, George.
Macnab, William.
Paterson, Colin.

Paterson, Thomas (Blantyre).
Paul, John.
Porteous, James Smith.
Richardson, John Macdonald.
Riddell, Daniel Falconer.
Runciman, William.
Russell, Alexander.
Russell, Susan Jack.
Shearer, John (Armadale).
Simpson, Mary.
Sinclair, James.
Small, Andrew John.
Steele, Thomas.
Stewart, John Henderson.
Templeton, James.
Thomson, Jane Chisholm.
Turner, George Douglas.
Waddell, James.
Watt, Hugh.
Wilson, Alexander Robertson.
Wiseman, William Reid.
Wylie, Thomas Kirkwood.
Young, Charles Alex.

NATURAL PHILOSOPHY.

October, 1897.

Anderson, Harry Angus Patterson.
Baird, William.
Burns, Alexander.
Falconer, John.
Farquharson, William Henry Stuart.
Henderson, James Ewart (II. Hon.).
Howie, Robert Young.
Kelly, Isobel Stewart.
Ker, James Campbell (I. Hon.).
Macfarlane, Andrew.
M'Pherson, James.
Stewart, David Macfarlane (I. Hon.).
Walker, Thomas Mitchell.
White, Robert George.
Young, George Glen Blyth.

April, 1898.

Anderson, John.
Anderson, Maggie Lindsay.
Begg, Robert Henderson.
Burr, Robert Alexander.
Cameron, Hector Charles.
Candlish, Robert.
Carrick, Peter.
Clark, James Miller.
Dunlop, Alexander Slater.
Frame, Robert.
Gardner, Alexander Aitken (I. Hon.).
Gibson, Cameron Robertson.
Hutton, Malcolm.
M'Clement, Joseph.
MacGregor, Gregor.
M'Kerral, Andrew.
Napier, Andrew.
Pairman, James Carmichael.
Paul, John.
Russell, John Cooper.
Sinton, Alexander.
Stevenson, Wm. David Henderson.
Vernal, Francis.
Wightman, William M'Caig.
Wilson, James Young.

CHEMISTRY.

October, 1897.

Blyth, Vincent James.
Coubrough, Anthony Cathcart.
Davidson, Robert.
Ross, John Johnston, B.A.
Young, Robert Burns.

April, 1898.

Craig, James Ferguson.
Hyslop, William.
Matheson, Alexander.
M'Intyre, John Ebenezer.
Pairman, James Carmichael.

ZOOLOGY.

April, 1898.

Craig, James Ferguson.
Ferguson, John.

BOTANY.

October, 1897.

Auld, Robert.

April, 1898.

Ferguson, John.
M'Dougall, Daniel Douglas.

GEOLOGY.

April, 1898.

Scott, William (Glasgow).

D.—HISTORY AND LAW.

HISTORY.

October, 1897.

Crawford, David.
Forsyth, William.
Pringle, Wm. Mather Rutherford (I. Hon.).
Pryde, James Johnstone.
Scott, Gavin (I. Hon.).

April, 1898.

Black, James Macdougall.
Boyd, Winifred.
Brown, James Nimmo.
Buchanan, Thomas.
Cameron, Hector Charles.
Cappell, James.
Chisholm, James.
Craig, Thomas.
Dick, William.
Donald, Thomas Walter.
Ferguson, Fergus.
Fulton, John.
Gilfillan, Brodie Smith.
Hannah, Elizabeth.
Howie, Robert Young.
Hutton, Mina Macarthur.
Kelly, Isobel Stewart.
Matheson, Charles.
Menzies, William.
Montgomerie, Alexander.
Morison, John Lyle (I. Hon.).
Morton, William Topping.
Muir, John.
M'Ewan, Thomas
M'Millan, Joseph Falconer.
M'Murtrie, Thomas Robert.
M'Neill, John Victor.
M'Phun, Frances Mary.
Osborne, Barbara Pagan.
Paterson, Thomas (Glasgow).
Pattison, Thomas.
Scouller, Andrew.
Shearer, John (Glasgow).
Smith, Alexander M'Ewen.
Steele, Thomas.
Stewart, John Logan.
Strang, Alexander.
Tannahill, Agnes Mary.
Wilson, James Robertson Sweet.
Wishart, Hugh Ritchie.
Young, John Finlayson.

CONSTITUTIONAL LAW AND HISTORY.

October, 1897.

Bell, Andrew.

ROMAN LAW.

April, 1898.

Bowie, John.
Cameron, Hector Charles.
Carmichael, James.
Core, William.
Dixon, Sydney.
Donald, Thomas Walter.
Donaldson, James Robertson.
Dow, Samuel Hugh.

Farquharson, Wm. Henry Stuart.
Frame, Robert.
Johnston, John Dalrymple.
Love, John Alex. Anderson.
Milne, John Neil.
Murray, Lewis Davidson.
Macalister, William Grierson.
M'Cutcheon, James White.
M'Donald, Alexander.
Mackenzie, Alexander.
M'Laren Robert.
Riddell, Andrew Lindsay.
Smith, David Baird.
Wright, Thomas Grieve.
Young, Peter Taylor.

PUBLIC LAW.

April, 1898.

Cameron, William Francis.
Cockburn, Francis Montague.

PRELIMINARY EXAMINATION FOR DEGREES IN ARTS AND SCIENCE.

The following candidates passed in the subjects indicated (L., Lower; I., Intermediate; H., Higher):—

October, 1897.

Aitchison, James (H. Math.).
Alexander, Hugh (H. Math.).
Alexander, Robert (English, H. Math., H. Latin).
Alexander, Robert Vincent Hutchison (H. Math.).
Anderson, Douglas Reid (I. Math., H. Latin, H. Greek).
Anderson, Hugh Graham (I. Math.).
Armstrong, Elizabeth Edmonston (L. Latin, L. Greek).
Armstrong, Thomas (I. Math., H. Latin, H. Greek).
Auld, Jeanie (English).
Auld, William (L. Greek).
Ballantyne, William Henry (Dynamics).
Barnes, Joseph (H. Math., H. Greek).
Bayne, Alexander (L. Greek).
Bell, Andrew Farm (English).
Biss, Evan Ebenezer (H. Latin).
Black, William Patterson (English, H. Math., L. Latin).
Blackwood, Thomas Millar (H. Math., H. Greek).
Blue, Dugald (H. Greek, Dynamics).
Boyd, Mary Russell (L. Latin).
Brechin, Margaret Blackley (English, French).
Brown, Andrew (English, H. Math., H. Latin).
Brown, John (French).
Brown, John Dunlop (L. Latin).
Brown, William Porterfield (English, I. Math., H. Latin).
Cameron, William Ernest (H. Math., H. Latin).
Campbell, Dorothy Katherine Somerville (French).
Campbell, Mary Isa (H. Latin).
Carmichael, David Gordon (H. Math., L. Greek).
Carmont, Elizabeth (English, H. Latin, French).
Carstairs, George (English, I. Math.).
Chambers, John (English).
Chisholm, James (H. Latin).
Clark, Donald James (L. Latin, Dynamics).
Clark, William Weir (English, L. Greek).
Cochrane, James (L. Latin).

Cook, Isaac (H. Latin).
Cowan, Jane Whyte (L. Math.).
Cromar, Arthur Henry (H. Math., L. Latin).
Cubberley, Arthur Joseph (English, H. Math., H. Latin, H. Greek French).
Cunningham, Robert (H. Math., H. Latin, H. Greek).
Cuthbertson, John Montague (H. Math., L. Latin, L. Greek).
Dick, David Auchinvole (English, H. Math., L. Latin, Dynamics).
Duffy, Walter (English, H. Latin).
Dunlop, Alexander Slater (H. Latin, H. Greek).
Dunlop, Annie (I. Math.).
Dyer, James Ferguson (H. Greek).
Eaglesham, Hugh (English, H. Math., Dynamics).
Edgar, John Henderson (English, H. Latin).
Elliot, John James (English, L. Latin).
Faichney, John (H. Math., H. Latin, L. Greek, Dynamics).
Fairley, John (English, Dynamics).
Fairweather, Wallace Cranston (H. Greek).
Farmer, Charles Blackwood (English, H. Math.).
Faulds, George (I. Math.).
Fearn, John Clark (L. Greek).
Fletcher, Angus Peter (English, L. Greek).
Forfar, David (English, L. Math., L. Greek).
Fotheringham, James Boath (L. Math.).
Fraser, Hannah Hutcheson (L. Latin).
Fraser, James (L. Greek).
Fyfe, Alexander (English, H. Latin, L. Greek).
Gibb, Thomas (English).
Gillies, David (L. Latin, L. Greek).
Gilmour, Andrew (L. Math.).
Gilmour, John (Blackford), (L. Greek).
Goldie, Alexander (English, H. Math., H. Latin, L. Greek).
Gordon, John (English).
Gordon, Monica Mary (English, L. Latin, French).
Gow, Louis Niel (H. Math.).
Grant, Robert (I. Math., L. Latin).
Gunson, Ernest (English, H. Math., L. Latin).
Halliday, John (Dynamics).
Hamilton, Robert Cumming (H. Greek).
Hardie, William Towers (English, L. Latin, L. Greek).
Harrison, Annie Dorothy (H. Latin).
Hart, Robert (English).
Hastie, Thomas Hunter (L. Math., L. Latin).
Hay, James (English, L. Latin, L. Greek).
Hay, John Primrose (H. Math., H. Latin).
Henderson, James (L. Latin).
Hendrie, Maggie M'Kinnon (English, L. Latin, French).
Herriot, Catherine Willox (H. Math.).
Hodge, Donald Grant (English, H. Math., H. Latin).
Houston, Campbell (Dynamics).
Hutcheson, William (H. Math., L. Latin).
Jackson, George (L. Greek).
Jarvie, William Robert (Dynamics).
Johnston, Lucy Perfect (H. Math.).
Johnston, Robert Buchanan (English, I. Math., L. Latin).
Johnstone, John Gavin (English, Dynamics).

Jones, Owen Lloyd (English, L. Math., H. Latin).
Jordan, James William (H. Math.).
Kedie, Annie Frazer (I. Math., H. Latin).
Keen, Isaac (H. Latin, Dynamics).
Keith, David Alexander (H. Math., Dynamics).
Kerr, James Rutherford (L. Latin, Dynamics).
Kinloch, John Laing (L. Latin, L. Greek).
Laird, Alexander (L. Latin).
Lamb, Agnes Charlotte (H. Math.).
La Torre, Charles (English).
Lawrie, Alexander (English).
Laws, Bernard Courtney (H. Math., Dynamics).
Leitch, Archibald (Dynamics).
Lightbody, Isaac Whiteford (English, H. Latin, L. Greek).
Lindsay, Edith Margaret (H. Math., H. Latin).
Lindsay, William (H. Math.).
Livingston, Margaret Hay (H. Latin).
Lochhead, Alice Mary (H. Latin).
Lusk, James (Dynamics).
Main, Alexander (English, H. Math., L. Latin).
Marshall, Thomas (English, L. Latin, L. Greek).
Merry, William Robert (H. Math., Dynamics).
Millar, George Smith (English, H. Math., H. Latin, Dynamics).
Millar, Robert (English, H. Math., H. Latin, Dynamics).
Miller, John (Falkirk) (L. Greek).
Mitchell, Alexander (H. Math., H. Latin, L. Greek).
Mitchell, Alexander John (English).
Mitchell, George (English, H. Math., L. Greek).
Montgomerie, David Lindsay (L. Latin, L. Greek, Dynamics).
Morison, Norman John (H. Math., L. Greek).
Morrison, George Norman (English, I. Math., H. Latin, H. Greek).
Mort, Frederick (H. Greek, Dynamics).
Motherwell, Margaret Jeffrey (English, I. Math., H. Latin).
Muggoch, James Wilson (L. Latin).
Muir, Euphemia Ellen Hunter (L. Math., L. Latin, French).
Muir, George (H. Greek).
Muir, James Chrystal (H. Math.).
Munro, John (English, H. Math., L. Latin).
Murray, Anthony Stoddard (English, L. Math., H. Latin, H. Greek).
MacAlister, Malcolm (H. Math., H. Latin, L. Greek).
MacBean, Alexander (English, L. Greek).
M'Callum, John Duncan (H. Greek).
M'Clure, May Speirs (H. Math.).
M'Coll, Allan M'Dougall (English, L. Math., L. Latin).
M'Cririck, Thomas (English, H. Latin, Dynamics).
M'Curtain, Mary Gillespie (H. Latin).
MacDonald, Donald (Gourock) (H. Math., L. Latin).
MacDonald, Donald (Tiree) (I. Math.).
M'Dougall, Peter (H. Math., H. Latin, L. Greek).
M'Dougall, Thomas (H. Latin, Dynamics).
MacDougall, William (English, I. Math., L. Latin).
M'Farlane, Hugh (L. Greek).
M'Intyre, Wylie Robert (L. Math., H. Latin).
MacIver, John (L. Math.).
M'Kendrick, David Malcolm Hobson (L. Greek).
Mackenzie, Alexander Ronaldson (I. Math.).

Mackenzie, Archibald (Dynamics).
Mackenzie, Robert Duncanson (L. Greek).
Mackillop, Edward Laurence (L. Latin, H. Greek).
Mackintosh. James Semple (H. Greek).
MacLachlan, Duncan Robert (English, H. Math., Dynamics).
Maclaurin, Margaret Smith (English, L. Math., L. Latin, French).
M'Lean, Hector (H. Greek).
Maclean, John (English).
M'Leish, Alexander (L. Latin, L. Greek).
M'Leish, David James (English).
Macleod, Kenneth Olaus (H. Math.).
M'Michael, John (English).
MacMillan, Hugh Miller (English, H. Math., Dynamics).
Macmillan, John (L. Latin, L. Greek).
M'Millan, John Murray (English, L. Math., L. Latin).
MacMillan, Peter (I. Math., H. Latin).
M'Murtrie, John Malcolm (English, H. Math.).
Macnair, Alexander Wood (H. Latin, L. Greek).
M'Neill, James (L. Latin).
M'Phait, William (L. Greek).
Macpherson, Alexander Hugh (French).
MacPherson, Donald (H. Latin, L. Greek).
M'Pherson, Peter (L. Math., H. Latin, H. Greek).
M'Phun, Frances Mary (H. Latin).
M'Stravick, John (I. Math., L. Latin).
Neilson, Robert Thomson (English, Dynamics).
Nelson, Jannette Reid Bartholomew (I. Math., L. Greek).
Nicholson, John Steel (Dynamics).
Nicolson, Nettie (English).
Norwell, Alexander (English).
Omand, George Gair (L. Greek).
Orr, John (I. Math., H. Latin).
Osborne, Barbara Pagan (H. Math.).
Paterson, Andrew (H. Latin).
Paterson, Colin (Dynamics).
Phillips, Martin (English, I. Math., L. Latin, Dynamics).
Pollok, Robert George (H. Math., L. Latin, L. Greek).
Pryde, John Marshall (English, L. Latin).
Quig, Gordon (English, L. Math., L. Latin).
Rankin, Jessie Deans (English, H. Math., H. Latin).
Reid, Caroline Ross (L. Latin).
Reid, James (L. Math., L. Latin).
Reid, John (H. Math., H. Greek).
Risk, William John (L. Latin).
Robertson, Berkeley Hope (H. Math.).
Robertson, David (English, H. Math., Dynamics).
Robertson, Hugh Brown Glyn (H. Math.).
Ross, George (L. Latin, L. Greek).
Ross, John Morison (H. Math., L. Greek).
Runciman, William (H. Latin, L. Greek, Dynamics).
Salmond, James (I. Math.).
Scott, Robert (English, L. Latin).
Shaughnessy, Joseph (English, H. Math., H. Latin).
Shearer, John (Armadale) (H. Math., Dynamics).
Shearer, Robert Walter Rogerson (English, L. Latin).
Shennon, Malcolm (L. Latin).

Simpson, Mary (H. Latin).
Sinclair, James (Dynamics).
Skilling, Samuel Ritchie (H. Math.).
Small, Andrew John (English, H. Latin, Dynamics).
Small, John Alexander (L. Math., H. Latin).
Smith, Donald (Glasgow) (English, L. Math., L. Latin).
Smith, John (H. Math., L. Latin).
Smith, William Begbie (H. Math., H. Latin, H. Greek).
Smith, William France (English, L. Latin).
Spens, Janet (H. Math.).
Spreull, George John (H. Math., L. Latin).
Steel, James (H. Latin, French).
Steel, James Hall (H. Greek, Dynamics).
Stewart, John (L. Greek).
Stewart, John Henderson (H. Greek, Dynamics).
Stewart, John Logan (H. Greek).
Stirling, John (H. Greek, Dynamics).
Strathern, Robert Fairley (H. Math.).
Symington, Thomas Struthers (H. Greek).
Taylor, David Gladstone (H. Greek).
Taylor, Walter Ross (H. Greek).
Thomson, Jane Chisholm (H. Latin).
Trotter, Elizabeth (English, L. Math., L. Latin).
Vost, Andrew (L. Math.).
Vost, James (English, French).
Walker, William Lind (H. Math., H. Greek).
Ward, John (English, H. Math., L. Latin).
Williamson, Alexander (Grangemouth) (H. Greek).
Williamson, James (Dynamics).
Wilson, Alexander Cunningham (H. Latin, L. Greek).
Wilson, Alexander Robertson (H. Greek).
Wilson, Jeannie (English, H. Latin).
Wilson, Samuel (H. Greek).
Wiseman, William Reid (English).
Wishart, George Baird (English).
Wotherspoon, James Alexander (English, H. Math., H. Latin).
Wright, Charles (English).
Wylie, Thomas Kirkwood (English).
Young, George Alexander William (English, L. Math., H. Latin, L. Greek).

April, 1898.

Ackland, Dorothy (English, I. Math.).
Aird, Janet Roberton (L. Latin).
Aitken, George (H. Math., H. Latin, French).
Alexander, Robert (L. Greek, Dynamics).
Alexander, Robert Vincent Hutchison (L. Latin, Dynamics).
Allan, Alexander M'Donald (H. Math., L. Greek).
Archibald, Constance Helen Margaret (H. Latin, French).
Arnott, John Thomas (L. Greek).
Auld, Jeanie (English, French).
Barnes, Joseph (French).
Bayne, Alexander (H. Greek).
Binnie, Marion King (H. Latin).
Black, William Patterson (L. Latin).
Booth, James (L. Latin).

Boyce, Claud (English, H. Math., L. Latin, Dynamics).
Boyd, Mary Russell (L. Latin).
Brown, Andrew (Dynamics).
Brown, John Campbell (English, I. Math.).
Brown, John Dunlop (H. Latin).
Brown, Thomas (English, L. Math.).
Brown, William Porterfield (Dynamics).
Buchanan, Thomas (L. Latin).
Cameron, Mary Clow (I. Math., H. Latin).
Cameron, Thomas Bell (L. Latin).
Campbell, Dorothy Katherine Somerville (English, French).
Chalmers, Humphrey, (H. Greek).
Chalmers, John Stuart (English, H. Latin).
Chambers, John (L. Math., L. Latin).
Clark, William Weir (H. Math., H. Latin, H. Greek).
Climie, Jenny Cumming (L. Math., H. Latin).
Cochrane, James (L. Latin).
Connor, Agnes Muir (I. Math.).
Craig, James (H. Math., Dynamics).
Cranston, Andrew (H. Math., H. Latin, Dynamics).
Crawford, Hamilton (H. Greek).
Cuthbertson, John Montague (H. Latin, L. Greek).
Dale, Robert Wilson (H. Math., H. Greek).
Dalziel, Samuel James (English, H. Math., Dynamics).
Dempster, Thomas Grant (English).
Donald, Robert (French, Dynamics).
Douglas, Charles Rattray (English, L. Math.).
Duncan, Maggie Lightbody (English).
Duncan, William Hunter (English, L. Math.).
Dunlop, Hugh Morton (English, L. Math.).
Edgar, John Henderson (L. Math., H. Greek).
Elliot, John James (L. Greek).
Faichney, John (H. Greek).
Fairlie, John Clowes (English, H. Math., Dynamics).
Farmer, Charles Blackwood (L. Greek).
Faulds, George (English, H. Math., L. Latin, Dynamics).
Fearn, John Clark (H. Greek).
Findlay, Ann Robertson (L. Latin, French, German).
Finlay, Archibald Barbour (H. Latin).
Fletcher, Angus Peter (H. Greek).
Fletcher, Henry Mungles (L. Math., L. Latin, L. Greek).
Forbes, Augustine Wentworth Scudamore (English, L. Math., L. Latin, Dynamics).
Forbes, Robert Weir (L. Greek).
Forfar, David (H. Math., H. Latin, H. Greek).
Fraser, Isabella Milligan (H. Latin).
Frew, John (Dynamics).
Fyfe, Alexander (H. Greek).
Galloway, William (English, I. Math.).
Geddes, Mathew (H. Greek).
Gemmell, David (I. Math., L. Latin).
Goodfellow, Robert Kerr (English, H. Latin, H. Greek).
Gordon, Monica Mary (H. Latin).
Gostwyck, Godfrey Harold Gostwyck (H. Math.).
Gow, Louis Niel (H. Latin, Dynamics).
Graham, Alexander (English, H. Math., L. Latin).

Grant, Robert (H. Math., L. Latin, Dynamics).
Grieve, George (L. Math., L. Latin).
Hair, John (English, H. Math.).
Hardy, Margaret (L. Math.).
Henderson, Andrew (English, H. Math., L. Latin, Dynamics).
Henderson, James (Dynamics).
Hendrie, Margaret M'Kinnon (I. Math., H. Latin).
Hill, Ella Smith (English, French).
Hodge, Donald Grant (French).
Horn, John Fraser (English, French).
Houston, Campbell (French, Dynamics).
Hudson, Alice Beatrice (English, H. Math., L. Latin, French).
Hunter, David Guthrie (French).
Hunter, Flora (L. Math., L. Latin).
Isbister, Lucy Hay (L. Latin).
Jamieson, William James (H. Math., H. Latin, H. Greek).
Jarvie, William Robert (Dynamics).
Johnston, Robert Buchanan (H. Math., L. Latin).
Johnstone, Archibald Fairlie (English, H. Math., Dynamics).
Johnstone, John Gavin (French).
Keith, David Alexander (H. Math., Dynamics).
Kerr, James Rutherford (English, L. Latin).
King, Archibald (H. Latin, L. Greek).
Kinloch, John Laing (H. Latin, L. Greek).
Kirkpatrick, Thomas Ashley (L. Latin, L. Greek).
Lauder, James (H. Math., Dynamics).
Lawrie, Alexander (L. Math., L. Greek).
Lazenby, Paul Helme (French).
Leckie, Robert White (H. Math., H. Latin, Dynamics).
Levine, Rachel (H. Greek).
Lindsay, Muriel Giffen (H. Math., H. Latin, Dynamics).
Lindsay, William (English, H. Latin, H. Greek).
Livingstone, Hector Myles (English).
Lochhead, Margaret (L. Latin, French).
Lochrane, Charles (L. Math., L. Greek).
Lowe, Peter, B.Sc. (H. Latin).
Maguire, Andrew (English).
Maguire, Peter (L. Math.).
Main, Alexander (L. Latin, Dynamics).
Marie, Carolus (English, French, Dynamics).
Marr, James Henderson (English, L. Math., L. Latin).
Matheson, John (English).
Menzies, Henry Lindsay (H. Greek).
Mitchell, George (L. Latin).
Montgomerie, David Lindsay (L. Latin).
Muir, Thomas (Dynamics).
Muir, William (English).
Muir, William Dunlop (Dynamics).
Munro, John (L. Latin).
Macalister, Robert Henry (I. Math., L. Latin, L. Greek).
M'Arthur, Duncan (L. Math.).
MacBean, Alexander (H. Greek).
M'Coll, Allan M'Dougall (L. Latin, L. Greek).
MacCowan, Roderick (English).
M'Curtain, Mary Gillespie (H. Math.).
M'Donald, David Paterson (H. Greek).

MacDonald, Donald (Gourock) (Dynamics).
Macdonald, John (H. Latin, L. Greek).
M'Dougall, Peter (H. Greek).
MacDougall, William (H. Latin, Dynamics).
Macfarlane, Isabella (French).
M'Gregor, George Alexander (French).
MacInnes, Joseph (H. Latin).
Mackay, Hugh Alexander (Dynamics).
Mackinnon, Alexander (H. Math.).
Maclaren, Norman Henry William (English, L. Latin).
M'Laughlin, John (H. Latin, H. Greek).
M'Lean, Hector (English).
MacLellan, Neil (English, L. Math. H. Latin, H. Greek).
Macleod, Alexander (L. Latin).
MacLeod, Donald (English, H. Greek).
M'Michael, John (I. Math. H. Latin, French).
M'Millan, John Murray (H. Math., H. Latin, French).
M'Murtrie, John Malcolm (H. Latin).
Macnair, Alexander Wood (L. Greek).
Macnair, Donald (English, I. Math., L. Latin, Dynamics).
M'Neil, John (H. Math., L. Latin).
M'Neill, James (H. Latin).
M'Neill, John (English, H. Math.).
MacPhail, Neil (H. Math., H. Latin, H. Greek).
Macpherson, Alexander Hugh (English, L. Math., L. Latin).
M'Stravick, John (L. Latin, L. Greek).
Nelson, Jannette Reid Bartholomew, (L. Latin, H. Greek).
Ness, Robert Ralston (English, H. Math., L. Latin).
Newall, James (H. Latin).
Nicolson, John (H. Greek).
Norwell, Alexander (English).
Omand, George Gair (L. Latin, L. Greek).
Paterson, Thomas Ure (H. Math.).
Paton, James Alexander (English).
Patterson, John (H. Greek).
Phillips, Martin (H. Math., H. Latin).
Philps, George Pixton (H. Math., H. Greek).
Pollock, George Alexander (I. Math., L. Latin).
Pollok, Robert George (H. Latin, H. Greek).
Rae, Margaret Isobel (H. Math., H. Latin).
Rankin, Jessie Deans (H. Greek, French).
Reid, Caroline Ross (H. Latin, French).
Reid, James (L. Math., L. Latin, L. Greek).
Reid, Maggie Miller (H. Latin).
Riddell, Thomas Park (H. Math., H. Latin).
Ritchie, Allan Marshall (L. Math., L. Latin, L. Greek).
Roberts, Eric James (H. Greek).
Robertson, Andrew John (English, L. Latin).
Robertson, David (French).
Robertson, Hugh Brown Glyn (H. Greek).
Robertson, Jane Isabel (English, French).
Ross, David (L. Math.).
Ross, George (I. Math., L. Latin, H. Greek).
Rusk, Robert Robertson (English, H. Math., H. Latin, L. Greek).
Russell, Thomas (I. Math.).
Safeley, John (H. Latin, H. Greek).

Salmond, James (I. Math. L. Latin, L. Greek).
Scott, Robert (H. Latin, French).
Scott, William (English, H. Math.).
Selkirk, William (English, H. Latin).
Shaughnessy, Joseph (Dynamics).
Shearer, John, Glasgow (H. Greek).
Shennon, Malcolm (L. Greek).
Skilling, Samuel Ritchie (L. Latin, Dynamics).
Small, John Alexander (English).
Smith, Donald (Glasgow) (H. Latin, H. Greek).
Smith, Elizabeth Brabner (English, L. Math.).
Smith, Finlay (English).
Smith, John (Falkirk) (H. Math., H. Latin, Dynamics).
Smith, William France (L. Math., H. Latin, L. Greek).
Spreull, George John (L. Latin, Dynamics).
Stewart, Alfred Walter (French, Dynamics).
Stewart, Marshall Sophos (Dynamics).
Strathern, Robert Fairley (English, H. Latin, H. Greek).
Struthers, James (H. Greek).
Taylor, Alexander M'Clymont (L. Math.).
Taylor, Henry (L. Math., L. Latin, L. Greek).
Taylor, Murray Ross (I. Math., H. Latin, L. Greek).
Thompson, Ella Maclean (H. Math).
Thomson, James (H. Math., French, German).
Turner, Malcolm Kerr (H. Math.).
Ward, David Livingstone (English, I. Math., Dynamics).
Ward, John (Dynamics).
Webster, James Gordon (H. Math.).
White, Thompson (Dynamics).
Wilkie, John (English, L. Math.).
Williamson, Alexander (Greenock) (H. Math.).
Wilson, Jeannie (L. Math.).
Wood, John (English).
Wood, Margaret Goldie (I. Math., French).
Wotherspoon, James Alexander (Dynamics).
Young, George Alexander William (H. Greek).
Young, George Macmillan (H. Math.).

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following candidates passed in the subjects indicated :—

October, 1897.

Anderson, James (Math., Latin).
Anderson, William Kirkpatrick (English, Math., Latin, French).
Arthur, Robert James (Latin, Greek).
Ballantyne, Alexander (English, Math.).
Bell, Andrew Farm (English, Latin, French).
Blair, Alexander (Math.).
Brodie, Thomas (Latin).
Brown, John (English, Math., Latin, French).
Carruthers, Alexander Adam (English, Math., Latin, French).
Chapman, Ethel Lily (Math.).
Dick, Alexander (English, Math., Latin, French).
Dingwall, Donald Grant (English, Math., Latin, French).

Gilchrist, William (English, Greek).
Glen, Alexander Kennedy (Math.).
Glen, Thomas M'Master (Math.).
Harbinson, Josiah (English).
Hodge, Ronald Dingwall (Math., Latin, French).
Hunter, John Brown Dalzell (Math., Latin, French).
Hutchison, James Tudhope (Math.).
Jackson, Ernest David (English, Math., Latin, Greek).
Jackson, John (Latin).
Johnston, Andrew (English, Math., Latin, French).
Laurie, Robert (English, Math., Latin, French).
Lochhead, Ethel (English, Math., Latin, French).
Love, Thomas Walker (English, Math., Latin, French).
Maguire, Peter (Math.).
Millar, Margaret Walker (Math.).
Miller, William (Math.).
Munro, Alexander Hugh (Latin).
MacAulay, Donald (Math.).
M'Cabe, John Bertram (English, Math., Latin, Greek).
M'Cowan, John (English).
Macewen, Hugh Allan (English, Math.).
Macfarlane, Alexander Armstrong (English, Math., Latin, French).
M'Ghie, David Scott (English).
Mackay, Charles Gordon (English, Math.. Latin, Greek).
M'Kenzie, John Chancellor (English, Math., Latin, French).
Mackenzie, William Ferguson (English, Math.).
M'Lauchlan, Jane Stark (Math., Latin).
MacNaughtan, Norman Smith (Math., Latin, Greek).
Macvea, James Anthony (English, Math., Latin, French).
Nicolson, James Stuart (English, Math., Latin).
Park, Charlotte Reid (Math.).
Paxton, Arthur Geoghegan (English, Math., Latin, Greek).
Price, Florence Margaret Sarah (English, Math., Latin, French.)
Pryce, Ethel Jane Mildred (English, Latin).
Rankine, Thomas (English, Math., Latin, French).
Reid, John Mark (English, Math., Latin, French).
Riddell, David (Math., Latin).
Robertson, Robert Thin Craig (Math.).
Robertson, William James Dunlop (English, Math., Latin, Greek).
Ross, Campbell (Latin).
Ross, Robert (English, Math., Latin, Greek).
Russell, James (Greek).
Simpson, Robert Wilfred (Math., Latin).
Smith, John Williamson (English, Math.).
Somerville, James Alexander (Latin).
Stevens, Thomas (Math.).
Sutherland, James Hart (English).
Thom, John Allan (English, Math., Latin, Greek).
Turner, William Wagner (English, Math., Latin, French).
Waddell, Janet Gardner (Math., Latin).
Watson, Alexander M'Millan (English, Math., Latin, French).
Watson, William Norman West (English, Math., Latin, Greek).
White, Lionel Bruce (Math.).
Young, Andrew (English, Math., Latin, French).
Young, Hugh (English).
Young, John (Math., Latin Greek).

April, 1898.

Aitken, John Andrew (French).
Amy, Archibald Craig (English, Math.).
Anderson, Henry Graeme (English, French).
Arnott, Andrew Hamilton (Math., Latin, French).
Beaton, George Duncan Morrison (Math., Greek).
Blair, Alexander (English, Latin, French).
Bogle, John Shaw Monahan (English, Math., Latin, French).
Bolton, William Thomas (English, Math., French).
Brodie, Thomas (English, Math., French).
Brown, Mary (English, Math., Latin).
Burnett, William Sinclair (English).
Burns, Charles (Math.).
Cameron, Agnes Wallace (Math., Latin).
Castles, John (English).
Chapman, Ethel Lily (Math., Latin).
Clark, Alexander Erskine (English, Math., Latin, Greek).
Craig, David (English).
Cunningham, Hugh Boyd (Math.).
Cunningham, Peter (English, Math., Latin, French).
Dryden, Arthur Mitchell (English, Math., Latin, French).
Dykes, David Garfield (English, French).
Forrest, Margaret (Math., Latin, French).
Forsyth, James (English, Math., Latin, Greek).
Ganly, James Edward (English, Math., Latin, French).
Gilmour, Jane Reid Foulds (English, Math., French).
Gilmour, William Macmillan (English, Math., Latin, French).
Grant, Donald John Gollan (English, Math.).
Greig, Alexander (Math., Latin, French).
Grubb, Edward Smyth (English, Math., Latin, Greek).
Harbinson, Josiah (Math.).
Harvey, William (Math., Latin).
Hay, Alex. Robertson Forrest (Math., Latin, Greek).
Hislop, Lawrence (English, Latin).
Hunter, Alexander (Math., Latin, French).
Hunter, John Marshall (Math.).
Jackson, John (English, Latin).
Kerr, John (English, Math.).
Kirkwood, George Notman (Math.).
Laydon, Patrick (English, Math., Latin, French).
Leckie, Robert Wright (Latin).
Lucas, Katharine Robina Margaret (Latin, French).
Martin, Anna Pollock (Fnglish, Math., Latin, French).
Millar, Margaret Walker (Greek).
Millar, Peter (English, Math., Latin).
Miller, William (English, French).
Mitchell, Howard Vincent (Math., French).
Mort, Spencer (Latin, French).
Muir, Gavin Denholme (Math., Latin, French).
Murison, Arthur Alexander (English, Math., Latin, Greek).
Macaulay, Ernest Bowman (Latin, French).
M'Culloch, James Duff (Math., Latin, French).
MacDonald, John Finlay (English, Latin, Greek).
M'Dougall, Archibald Buchanan (Math.).
MacDowall, Robert Gray (English, Latin).

M'Ewan, James Boston (Math.).
M'Fadyen, Duncan (English, Math., Latin, Greek).
M'Geoch, Thomas Patrick (English, Math.).
MacIlraith, Alex. Robb M'Intyre (English, Math.).
M'Kellar, William Anderson (Math.).
Macleod, Roderick (English, Math., Latin, Greek).
MacNaught, Archibald Hamilton (English, Math.).
MacNaughtan, Norman Smith (English).
Park, Charlotte Reid (English, Latin, German).
Pincock, Samuel Southall (English).
Raeburn, George (English, Math., French).
Richmond, George (English, Math., Latin, Greek).
Robertson, Peter Hamilton (English, French).
Robertson, Robert Thin Craig (English, Latin, French).
Scott, David Holmes (English).
Sieger, William Herman (English, Math.).
Sinclair, Alexander Hunter (Math., French).
Slater, Robert Alexander (English, Math.).
Somerville, James Alexander (English, Math., Greek).
Starforth, Arthur William (Math.).
Stewart, Arthur Anderson (English).
Stewart, Norman Burgess (English, Math., Latin, Greek).
Stewart, William Craig (Math.).
Sutherland, Peter Lindsay (Math., Latin, French).
Swan, Robert (Math.).
Talbert, Elisabeth Taylor (Math., Latin).
Templeton, John (Math.).
Walker, John (Math.).
Wilson, James (Math., Greek).
Wilson, Thomas Ormiston (Math.).
Yardumian, Garabed Yeghia (Math., Armenian).
Young, Hugh (Math., Latin, French).

BURSARY EXAMINATION.

October, 1897.

The figure (2) denotes students of the second year.

The following are the first fifty-one names in the order of merit, viz.: —

1. George H. Stevenson, Glasgow Academy.
2. David M. Hutchison, High School, Glasgow.
3. Archie D. Thomson (2), Rothesay Academy.
4. James F. Dyer, High School, Glasgow.
5. George D. Reith, Glasgow Academy.
6. Steuart N. Miller, High School, Glasgow.
7. John J. Gemmell, Ayr Academy.
8. May S. M'Clure, Girls' High School, Glasgow.
9. James G. MacDonald, Wishaw Public School.
10. William E. MacDonald, Wishaw Public School.
11. Andrew M. Kerr, Hutchesons' Grammar School, Glasgow.
12. David R. M. Keir, High School, Glasgow.
13. Thomas K. Wylie, High School, Brentwood, Essex.
14. William H. Buchan, Hutchesons' Grammar School, Glasgow.
15. George Muir, Dunoon Grammar School, and High School, Glasgow.

16. Thomas Graham, Hamilton Academy.
17. William Runciman, Pupil Teachers' Institute, Glasgow.
18. John D. M'Callum, High School, Glasgow.
19. Richard Makins, Hutchesons' Grammar School, Glasgow.
20. Alexander Lamont, Pupil Teachers' Institute, Glasgow.
21. James H. Steel, Uddingston Public School.
22. Walter G. Macdonald, High School, Glasgow.
23. Dugald Blue, Pupil Teachers' Institute, Glasgow.
24. Hugh de P. Birkett, Dumbarton Burgh Academy.
25. Arthur J. Cubberley, Allan Glen's School, Glasgow.
26. Andrew Shanks (2), Pupil Teachers' Institute, Glasgow.
27. Robert S. Dewar, Hutchesons' Grammar School, Glasgow.
28. James Sinclair, Pupil Teachers' Institute, Glasgow.
29. John C. Mann, Hillhead Public School, Glasgow.
30. James B. Galbraith, Hutchesons' Grammar School, Glasgow.
31. George Beaumont, Lanark Grammar School.
32. William M. Tait, Spiers' School, Beith.
33. Arthur G. H. Elder, Paisley Grammar School.
34. Joseph Barnes (2), High School, Glasgow.
35. Charles M. Drew, High School, Stirling.
36. Thomas M. Blackwood, Spiers' School, Beith.
37. Thomas R. M'Murtrie, Spittalfield Public School, Caputh.
38. John H. Stewart, Pupil Teachers' Institute, Glasgow.
39. Alexander S. Dunlop, Kilbain Academy, Greenock, and High School, Glasgow.
40. William F. Kay, Hutchesons' Grammar School, Glasgow.
41. William R. Merry, Dumfries Academy.
42. Roderick M. Nicol (2), Hutchesons' Grammar School, Glasgow.
43. William H. Coats, High School, Glasgow.
44. Robert W. Barr, Hutchesons' Grammar School, Glasgow.
45. George N. Morrison, Private Tuition.
46. David J. M'Leish, Morrison's Academy, Crieff.
47. Peter Carrick, Airdrie Academy.
48 John Gilmour (2), Pupil Teachers' Institute, and F.C. Training College, Glasgow.
49. Charles A. Young, High School, Stirling.
50. John M'Laughlin, Hutchesons' Grammar School, Glasgow.
51. David P. M'Donald, Paisley Grammar School.

UNIVERSITY PRIZES.

I. FOR ESSAYS.

1. In Mental Philosophy, the UNIVERSITY SILVER MEDAL, for the best Essay on "The Moral Good and Moral Progress."

John Scoular Thomson, M.A., Kingarth, Bute.

2. A COULTER PRIZE OF FIVE POUNDS, for the best Essay on "The Poetry of Matthew Arnold."

David Baird Smith, Glasgow.

3. A COULTER PRIZE OF FIVE POUNDS, for the best Latin Essay on the following subject:—"Illustrate from Historical or Literary Examples the position of Women in Rome."

James Sheridan, Paisley.

4. The HENDERSON PRIZE OF TWENTY GUINEAS, for the best Essay on "Survivals of Judaism in Christian Worship."

Robert M. Buchanan, B.D., Glasgow.

5. The DOBBIE-SMITH GOLD MEDAL, for Essay on a Botanical subject,

William H. Lang, B.Sc., M.B., C.M.

II. FOR EXAMINATION.

1. An ARNOTT PRIZE of £15, for an Examination in General Physics, open to Students of the first and second years of their Medical Studies.

John Muir, Kilmarnock.

2. An ARNOTT PRIZE of £25, for an Examination in Physiological Physics, open to Students of the third and fourth years of their Medical Studies.

James D. Lickley, Glasgow.

3. The FINDLATER (DIVINITY) SCHOLARSHIP, value £38, for Examination in the Subjects for the Degree of B.D.

Munro Somerville, M.A., Glasgow.

4. The JAMIESON PRIZE, value £10, for Examination in the Subjects for the Degree of B.D.

David Swan, M.A., Greenock.

5. The MACFARLAN AND COOK TESTIMONIAL PRIZE of £21, open to Theological Students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

Munro Somerville, M.A., Glasgow.

6. The GLADSTONE HISTORICAL PRIZE of £21, for the best Examination in English History.

William M. R. Pringle, M.A., Glasgow; and Gavin Scott, M.A., Crossford, Carluke.—Equal.

7. The THOMAS LOGAN MEMORIAL MEDAL AND PRIZE of £12, to the most distinguished Graduate in Arts of the year (1897).

Gavin Scott, M.A., Crossford, Carluke, with Second-Class Honours in Classics and First-Class Honours in History.

8. The BRUNTON MEMORIAL PRIZE of £10, to the most distinguished Graduate in Medicine of the year (1897).

Thomas Hunter, M.A., B.Sc., M.B., Ch.B.; John Allan Craigie Macewen, B.Sc., M.B., C.M.—Equal.

CLASS PRIZES.

Faculty of Theology.

DIVINITY.

PROFESSOR WILLIAM HASTIE, D.D.

SENIOR CLASS.

I. Students of the Third Year:—

1. { Ephraim M. Henderson, M.A., Ayr (Cleland and Rae Wilson Gold Medal).
David Swan, M.A., Greenock (Dickson Prize).

3. Munro Somerville, M.A., Glasgow.
4. Coll A. Macdonald, M.A., Iona.
5. John R. Macgregor, Glasgow.
6. Archibald Hunter, M.A., Lamlash.

Honourable Mention—Arthur S. Middleton, M.A., Glasgow; John Paterson, M.A., Airdrie.

Dowanhill Prizes of £21 and £10 10s. for Elocution:—

1. Archibald Hunter, M.A., Lamlash.
2. David Swan, M.A., Greenock.

II. Students of the Second Year:—

1. William J. S. Miller, M.A., Glasgow.
2. Duncan Cameron, M.A., Greenock.
3. Dugald Clark, M.A., Islay.
   David Preston, M.A., Airdrie.
5. Donald Macleod, M.A., Glasgow.
   Neil Ross, M.A., Broadford, Skye.

Honourable Mention—David F. Liddle, M.A., Crieff; John A. C. Mackellar, M.A., Glasgow; John A. MacCormick, M.A., Mull.

JUNIOR CLASS.

1. Robert Aitken, M.A., Dalry, Ayrshire.
   Robert Marcus Dickson, M.A., Glasgow. Equal.
   William W. Fulton, M.A., Beith.
2. Andrew Macfarlane, M.A., Urray. Equal.
   Robert Nelson, M.A., Glasgow.

Honourable Mention—Richard R. Williams, M.A., Wales.

DIVINITY AND BIBLICAL CRITICISM.

PROFESSOR WILLIAM STEWART, D.D.

SENIOR DIVISION.

I. For Written Examinations:—

1. Ephraim M. Henderson, M.A., Ayr (Cleland and Rae Wilson Gold Medal).
2. David Swan, M.A., Greenock.
3. Munro Somerville, M.A., Glasgow.
4. John Paterson, M.A., Airdrie.
5. Arthur S. Middleton, M.A., Glasgow.
6. Coll A. Macdonald, M.A., Iona.

II. For Essays:—

1. John Paterson, M.A., Airdrie.
2. Munro Somerville, M.A., Glasgow.
3. James D. Macdonald, Greenock.

Proxime accessit—David Swan, M.A., Greenock.

[JUNIOR DIVISION.

I. For Written Examinations:—

1. William J. S. Miller, M.A., Glasgow.
2. David Preston, M.A., Airdrie.
   Neil Ross, M.A., Broadford, Skye.
3. Donald Macleod, M.A., Glasgow.

Proxime accesserunt—Duncan Cameron, M.A., Greenock; John A. C. Mackellar, M.A., Glasgow; John Murphy, M.A., Lanark.

II. For Essays:—
1. David Preston, M.A., Airdrie.
2. Duncan Cameron, M.A., Greenock.
3. John A. C. Mackellar, M.A., Glasgow.

Proxime accesserunt—William J. S. Miller, M.A., Glasgow; Donald Macleod, M.A., Glasgow; David A. Morrison, M.A., Dalry, Ayrshire.

HEBREW AND SEMITIC LANGUAGES.

Professor James Robertson, D.D.

SENIOR HEBREW CLASS.

1. William Scott, Lanark (Cleland and Rae Wilson Gold Medal).
2. David F. Liddle, M.A., Crieff.
3. James D. Mitchell, M.A., Beauly.
4. John Murphy, M.A., Lanark.
5. John A. C. Mackellar, M.A., Glasgow.
6. Dugald Clark, M.A., Islay.
7. Peter Henderson, Bearsden.
8. Duncan Cameron, M.A., Greenock.

JUNIOR HEBREW CLASS.

1. Robert Nelson, M.A., Glasgow.
2. Andrew Macfarlane, M.A., Urray, Ross-shire.
3. Robert Aitken, M.A., Dalry, Ayrshire.
4. Gordon B. Nielson, Glasgow.
5. James W. Baird, M.A., Strone, Greenock.
6. Thomas Low, Peebles.

ARABIC CLASS.

Charles S. G. Lutz, Glasgow.

SYRIAC CLASS.

Donald J. Robertson, Broadford, Skye.

SPECIAL PRIZES.

1. For Summer Readings—Archibald Hunter, M.A., Lamlash.
2. For an Essay on the Poetry and Prophecy of the Old Testament—William J. S. Miller, M.A., Glasgow.
3. For an Examination on the Book of Habakkuk—William Scott, Lanark.
4. For an Examination on Hebrew Vocabulary Junior Class—Robert Aitken, M.A., Dalry, Ayrshire; Preparatory Class (*Summer* 1897)—John W. Whyte, M.A.

CHURCH HISTORY.

Professor Robert Herbert Story, D.D.

JUNIOR CLASS.

1. Robert Marcus Dickson, M.A., Glasgow.
2. Robert Aitken, M.A., Dalry, Ayrshire.
3. Robert Nelson, M.A., Glasgow.
4. William W. Fulton, M.A., Beith.
5. Andrew Macfarlane M.A., Urray, Ross-shire.

Proxime accesserunt.

1. William L. Levack, Saddell, Kintyre.
2. Neil MacColl, Tobermory.

SENIOR CLASS.

1. Munro Somerville, M.A., Glasgow (Cleland and Rae Wilson Gold Medal).
2. David Swan, M.A., Greenock.
3. Archibald Hunter, M.A., Lamlash.
4. John R. MacGregor, Glasgow.

Proxime accesserunt.

Ephraim M. Henderson, M.A., Ayr. } Equal.
Coll A. Macdonald, M.A., Iona. }

Faculty of Law.

SCOTS LAW.

PROFESSOR ALEXANDER MOODY STUART, LL.D.

I. For Eminence in Class Examinations :—

1. { *James Macaulay (Robert Ross Prize). } Equal.
1. { *Peter S. Dunlop (Dean of Faculty's Prize). }
3. *William M. R. Pringle, M.A.
4. { *Henry J. Donaldson. } Equal.
4. { *Charles R. Dunlop, B.A. }
6. *Thomas S. Haran, M.A.
7. Walter Arrol, M.A.
8. Andrew B. Salmond.
9. William H. Mitchell.
10. Alexander M'Clure.
11. George B. Chalk.
12. George Napier.
13. John Philp.
14. Robert Hardie.
15. John H. Wallace.
16. David Crawford.
17. Robert Tennent, M.A.
18. William Morrison, M.A.
19. Charles Finlayson.

The * denotes the Prizemen.

II. The Prizes given by the Faculty of Procurators in Glasgow for Eminence in a Special Examination in the Subjects of the Course were awarded to :—

1. Walter Arroll, M.A.
2. { James Macaulay. } Equal.
2. { Alexander M'Clure. }
4. Peter S. Dunlop.
5. Thomas S. Haran, M.A.
6. Alexander Agnew.

The following Students distinguished themselves in this Examination, viz. :—

7. Robert Hardie.
8. Charles R. Dunlop, B.A.
9. William M. R. Pringle, M.A.
10. Henry J. Donaldson.
11. Andrew B. Salmond.
12. George Napier.

CONVEYANCING.

PROFESSOR JAMES MOIR.

Prizemen :—

1. Matthew W. White, Galston (Robert Ross Prize).
2. James Richardson, Johnstone (Dean of Faculty's Prize).
3. David Harvey, Ardrossan (Third Class Prize).
4. Daniel Ferguson, Glasgow (Fourth Class Prize).
5. Neil A. Macdougall, Glasgow (Fifth Class Prize).

Eminently distinguished :—

6. John S. Bannatyne, Southend, Campbeltown.
7. James A. Russell, Airdrie.
8. James Adam, M.A., Paisley.
9. Hugh M'Kellar, Kirkintilloch.
10. William Stewart, M.A., Beith.
11. John Johnstone, Dumfries.
12. Daniel K. Beveridge, Glasgow.
13. David Gerrand, Glasgow. } Equal.
14. John J. B. Gilmour, Dumfries. } Equal.
15. James B. Tait, Wishaw.

Examinations for Prizes given by the Faculty of Procurators in Glasgow :—

Prizemen :—

1. Matthew W. White.
2. David Harvey.
3. James A. Russell.

Eminently Distinguished :—

4. Daniel Ferguson.
5. James Richardson.
6. William Stewart, M.A.
7. Daniel K. Beveridge.
8. John S. Bannatyne.

CIVIL (OR ROMAN) LAW.

LECTURER—JAMES M. IRVINE, M.A., B.Sc., LL.B., ADVOCATE.

1. Thomas G. Wright.
2. John D. Johnston.
3. William G. Macalister.
4. { Charles R. Dunlop, B.A.
   John S. Leishman, M.A.
   John N. Milne.
7. Alexander Mackenzie.
8. Andrew L. Riddell.
9. { Malcom Dunlop, M.A.
   William H. S. Farquharson.
11. Henry J. Donaldson.
12. Alexander MacDonald.
13. { Hector Charles Cameron.
   Robert Frame.

PUBLIC INTERNATIONAL LAW.

LECTURER—WILLIAM GALBRAITH MILLER, M.A., LL.B., ADVOCATE.

FIRST-CLASS HONOURS AND PRIZES.

John L. Wark, M.A., Glasgow. } Equal.
William M. R. Pringle, M.A., Glasgow. } Equal.

SECOND-CLASS HONOURS.

Robert Tennent, M.A., Glasgow.
*Michael J. Connell, B.A., Glasgow.
John Stewart, M.A., Coatbridge.

* Three examinations only.

INTERNATIONAL PRIVATE LAW.

Summer, 1897.

LECTURER—WILLIAM GALBRAITH MILLER, LL.B., ADVOCATE.

FIRST-CLASS HONOURS AND PRIZE.

1. Michael J. Connell, B.A., Manchester. } Equal.
   Donald Currie, B.A., Ayr. }

FIRST-CLASS HONOURS.

2. Thomas S. Haran, M.A., Glasgow.

SECOND-CLASS HONOURS.

3. John Stewart, M.A., Coatbridge.

JURISPRUDENCE.

LECTURER—WILLIAM GALBRAITH MILLER, M.A., LL.B., ADVOCATE.

FIRST-CLASS HONOURS AND PRIZE.

John L. Wark, M.A., Glasgow.

SECOND-CLASS HONOURS.

James B. Paton, M.A., Glasgow.
William M. Murray, M.A., Glasgow.

CONSTITUTIONAL LAW AND HISTORY.

LECTURER—WILLIAM S. M'KECHNIE, M.A., LL.B., D.Phil.

1. Duncan S. Macdiarmid, B.A. (1st Prize).
2. William Philips, M.A. } 2nd Prize.
   George Stewart. } Equal.
4. Alexander E. Adams, M.A. } Equal.
   William Pringle, M.A. }

MERCANTILE LAW.

LECTURER—JAMES MACKENZIE.

1. Thomas G. S. Little (1st Prizeman).
2. Duncan Macniven (2nd Prizeman).
3. James Logan.
4. David P. Fleming, LL.B.
5. Henry Young.

Faculty of Medicine.

MEDALS AND CERTIFICATES OF MERIT.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

Summer Session, 1897.

PROFESSOR P. A. SIMPSON, M.A. (Cantab.), M.D., and HUGH GALT, M.B., D.P.H. (Cantab.).

WILLIAM HUNTER MEDALS.

Alex. Laurie Watson, M.A.
William Webster.
} Equal.

FIRST-CLASS CERTIFICATES (in order of merit).

Ebenezer Mitchell, M.A.
John J. Buchan.
Alexander Wilson.
} Equal.
William Broad.
David J. Smith.
} Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

William Duncan.
David M. Cowan.
John P. Duncan.
John R. Currie, M.A.
Hugh C. Ferguson.
Alexander S. Wells, M.A.
George Gardner.
Archibald Jubb.
William A. Riddell.
Frederick E. Stokes.
Robert O. Whyte, M.A.
} Equal.

DISEASES OF WOMEN.

Summer Session, 1897.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—James A. Mitchell.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

Arthur J. Ballantyne.
John Henderson.
James B. Miller.
James A. Mitchell.
William Webster.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

John Aitken.
James S. Beveridge.
George Coats.
Kenneth M. Duncan.
James F. Fleming.
Lawrence W. Harrison.
Alexander Matheson.
George B. Murdoch.
John Wotherspoon.

MIDWIFERY.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—James A. Mitchell.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

John Brunton.
Robert Fullarton, M.A.
James A. Mitchell.
James Scott, M.A.
William Webster.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

Robert F. Ballantyne.
Alexander Garrow.
Frederick E. Stokes.
Peter D. Strachan, M.A.
Thomas M. Strang.
Alexander Wilson.
James P. Wilson.

PRACTICAL PHARMACY.

Summer Session, 1897.

PROFESSOR MATTHEW CHARTERIS, M.D., AND WILLIAM MACLENNAN, M.B.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

Duncan M. MacRae, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Matthew Aikman, M.A.
David Shannon.
James C. Ross.
Alexander Fraser, M.A. } Equal.
Edward P. Cathcart.
Hugh P. Wright.

SECOND-CLASS CERTIFICATES (in order of merit).

Andrew Stewart.
Patrick T. Cairns. } Equal.
Thomas H. Jack.
George White.
John T. Clark.
William W. Farrar. } Equal.
James Davidson, M.A.
James Millar, M.A. } Equal.
Gilbert Garrey.
Charles A. Gourlay, M.A.
Charles P. Thomson. } Equal.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR RALPH STOCKMAN, M.D.

MEDALLIST—James C. Ross.

FIRST-CLASS CERTIFICATES (in order of merit).

George F. Buchan.
James D. Lickley.
James Millar, M.A.
Duncan M. MacRae, M.A.
Alfred R. Maclurkin.
John Forrest.
Donald M. Livingston.
James C. Turnbull.
William B. Kerr.
Alexander Fraser, M.A.
Alexander Binning.
Alexander Birch.

SECOND-CLASS CERTIFICATES (in order of merit).

Edward P. Cathcart.
John Lockhart.
John D. Richmond.
Edgar W. Sharp.
Robert M. Marshall.
Rupert E. Moorhead.
James Patrick.
Thomas H. Rankin.
Albert E. Wainwright.
Andrew Mair.
Alexander Munro.
William B. I. Pollock.
Charles C. Cuthbert, M.A.
Charles H. Gunson.
Jacob Mains.
Duncan J. Fletcher.
John Morison.
Patrick T. Cairns.
Burgess M'Phee.
David S. Paterson.

PRACTICE OF MEDICINE.

PROFESSOR SIR WILLIAM T. GAIRDNER, K.C.B., M.D., LL.D., F.R.S.

MEDALLIST—Frederick E. Stokes, Devonshire.

FIRST-CLASS CERTIFICATES (in order of merit).

Frederick E. Stokes.
George Gardner, New Kilpatrick. }
Alex. Laurie Watson, M.A., Ayr. } Equal.
John J. Buchan, Cleland, Lanarkshire.
Alexander S. Wells, M.A., Glasgow.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Thomas Adam M.A., Denny.
James F. Bennett, Bathgate.
Hyam Goodman, M.A., Glasgow.
Francis A. Innes, Skene.
Hugh Miller, Glasgow.
John M'Gilchrist, Glasgow.
Charles F. Maclean, Inverness.
John M'Millan, Killin.
James Scott, M.A., Glasgow.
David J. Smith, Kilmarnock.
Henry N. Turner, Glasgow.
Alexander Wilson, Bearsden.

CLINICAL MEDICINE.

PROFESSOR SIR WILLIAM T. GAIRDNER, K.C.B., M.D., LL.D., F.R.S.

Summer Session, 1897.

MEDALLIST—Alexander B. Sloan, Glasgow.

FIRST-CLASS CERTIFICATES (in order of merit).

Alexander B. Sloan.
Arthur J. Ballantyne, Glasgow. }
Thomas Hunter, M.A., B.Sc., Kilmarnock. } Equal.

Special Prize for notes of Clinical Lectures and Demonstrations:—
Arthur J. Ballantyne. }
John Henderson, Glasgow. } Equal.

SECOND-CLASS CERTIFICATES (in alphabetical order).

John Brunton, London.
John J. Buchan, Cleland.
John Henderson, Glasgow.
Edward W. R. Jones, Carnarvonshire.
Alexander Matheson, Coatbridge.
James A. Mitchell, Strabane, Co. Tyrone.
David M'Kail, Glasgow.
Thomas M. Strang, Denny.
Robert A. H. Watson, Glasgow.

Winter Session, 1897-98.

MEDALLIST—William K. Hutton, M.A., Glasgow.

FIRST-CLASS CERTIFICATES (in order of merit).

William K. Hutton, M.A.
William B. Thomson, Glasgow. }
Henry N. Turner, Glasgow. } Equal.
Robert Orr Whyte, M.A., Glasgow.

Special Prize for Notes of Clinical Lectures and Demonstrations:—
Hugh C. Ferguson, Greenock.

SECOND-CLASS CERTIFICATES (in alphabetical order).

Ernest H. Cramb, Dalmuir.
Hugh C. Ferguson, Greenock.
Hugh Miller, Glasgow.
William A. Riddell, Glasgow.

CLINICAL MEDICINE.

PROFESSOR THOMAS M'CALL ANDERSON, M.D.

Summer Session, 1897.

FIRST-CLASS CERTIFICATES (in order of merit).

SENIOR DIVISION.

1. John A. C. Macewen, B.Sc. / Joseph M. Corbett. } Equal.
2. John MacDonald.

JUNIOR DIVISION.

1. Alfred G. Stewart.
2. Alexander Waugh.

Winter Session, 1897-98.

SENIOR DIVISION.

MEDALLIST—Frederick E. Stokes.

FIRST-CLASS CERTIFICATES (in order of merit).

1. Laurence A. M'Kenzie.
2. John M'Millan.
3. Charles D. Picken.

JUNIOR DIVISION.

MEDALLIST—Peter A. Steven.

FIRST-CLASS CERTIFICATES (in order of merit).

1. James R. Chalmers. / Charles F. Maclean.
2. James D. Lickley.
3. Alfred R. Maclurkin.

SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D., F.R.S.

SENIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. William H. Steel, B.A. (Medallist).
2. Frederick E. Stokes.

COMMENDED.

Archibald Jubb.

JUNIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. Robert Fullarton, M.A. (Medallist).
2. Alex. Laurie Watson, M.A.
3. Alfred G. Stewart.
4. James F. Bennett.
5. John W. Leitch, M.A. / John Craig. } Equal.

COMMENDED.

7. James R. Chalmers. / George Gardner. / John M'Millan. } Equal.

10. Ebenezer Mitchell, M.A.
11. James Barrowman.
    Alexander Wilson. } Equal.
13. William K. Hutton, M.A.
14. James Scott, M.A.
15. Roderick R. Macnicol, M.A.
16. Andrew Love.
    Archibald W. Harrington. } Equal.

SPECIAL (Three Examinations only).

Archibald W. W. Davidson.
Charles F. Maclean.

CLINICAL SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D., F.R.S.

SENIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. William H. Steel, B.A. (Medallist).
2. Andrew Taylor.
3. William Bennett.
4. John R. Currie, M.A. } Equal.

SPECIAL FIRST-CLASS CERTIFICATE (Three Examinations).

James J. Buchan.

COMMENDED.

5. John Aitken.
   Robert F. Ballantyne. } Equal.
7. John Crow.
   James A. Mitchell. } Equal.
9. John Henderson.
   Robert A. H. Watson.
   Percival A. Mitchell. } Equal.
12. Alexander Garrow.
13. Kenneth M. Duncan.
14. Thomas M. Strang.
15. David S. Harvey.
16. James J. Smith.
17. John W. Leitch, M.A.
    John Brunton.
    Robert Crawford. } Equal.

JUNIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. Alexander Wilson (Medallist).
2. William Wright.
3. James F. Bennett.
4. Alfred G. Stewart.

COMMENDED.

5. Ebenezer Mitchell, M.A.
6. Alex. Laurie Watson, M.A.
7. James Scott, M.A.
   James Barrowman. } Equal.

CLINICAL SURGERY.

PROFESSOR GEORGE BUCHANAN, M.A., M.D., LL.D.

SENIOR DIVISION.

UNIVERSITY MEDAL—Norman M. Miller.

FIRST-CLASS CERTIFICATES.

Alexander Fraser, M.A. | Edward Gillespie. | George White.

JUNIOR DIVISION.

UNIVERSITY MEDALS—{ Samuel J. Cameron.
Thomas H. Jack.

FIRST-CLASS CERTIFICATES.

George F. Buchan.
Archibald Gow.
Alexander Munro.
Robert Ramsey.

PHYSIOLOGY.

Professor John Gray M'Kendrick, M.D., LL.D., F.R.S.

Systematic.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—David Kyle, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

William M. Brown.
David S. Paterson. } Equal.
James M'Pherson, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

John B. Stewart.
Donald Douglas, M.A.
Robert Ramsey. } Equal.
Francis J. Henry.
William Robertson. } Equal.
James N. Todd.
George S. Wallace.
Allan H. Muir. } Equal.

PRACTICAL PHYSIOLOGY.

Summer, 1897.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—John T. Clark.

FIRST-CLASS CERTIFICATES (in order of merit).

Charles C. Cuthbert, M.A.
James C. Turnbull. } Equal.
Albert E. Wainwright.
Rupert E. Moorhead.
Samuel J. Cameron.
James D. Lickley.
John D. Richmond. } Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

James Davidson, M.A.
Andrew Mair. } Equal.
Alexander Fraser, M.A.
David Kyle.
George White. } Equal.
Edward P. Cathcart.
William H. Brown.
John S. Smith. } Equal.
Alexander Munro.

ADVANCED PRACTICAL PHYSIOLOGY.

Winter, 1897-98.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—John P. Duncan.

FIRST-CLASS CERTIFICATES.

Allan Martin, M.A.
James M'Pherson, M.A. } Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

Robert W. Auld.
George F. Buchan.
Ruth Pirret.

ANATOMY.

Professor John Cleland, M.D., LL.D., D.Sc., F.R.S.

SENIOR CLASS.

MEDAL—James D. Lickley.

FIRST-CLASS CERTIFICATES OF MERIT.

Charles C. Cuthbert, M.A.
Alexander Munro.
James C. Turnbull. } Equal.
Edgar W. Sharp.

SECOND-CLASS CERTIFICATES OF MERIT.

George F. Buchan.
Leonard Findlay. } Equal.
William B. I. Pollock.
Robert M. Marshall. } Equal.
James M'Pherson, M.A.
John D. Richmond.
James Millar, M.A.
Robert W. Auld.
James O. Barclay.
Robert Paterson.
David Russell.

JUNIOR CLASS.

MEDAL—William A. Milne, 132 West Graham Street, Glasgow.

FIRST-CLASS CERTIFICATES OF MERIT.

William M. Brown.
Samuel J. Cameron.
David Kyle, M.A. } Equal.

SECOND-CLASS CERTIFICATES OF MERIT.

Donald Steel.
Robert Ramsey.
John S. Barr.

EMBRYOLOGY.

Summer, 1897.

Lecturer—James F. Gemmill, M.A., M.B.

PRIZE (given by Professor Cleland)—Allan Martin, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Allan Martin, M.A.
James D. Lickley.
George F. Buchan.
James C. Ross. } Equal.
Charles C. Cuthbert, M.A.
John D. Richmond.
Edgar W. Sharp.
Andrew Mair.

SECOND-CLASS CERTIFICATES.

James C. Turnbull.
Edward P. Cathcart.
Robert Clark.
James Dick, M.A.

NATURAL HISTORY.

Professor John Young, M.D.

ZOOLOGY.

FIRST-CLASS CERTIFICATES.

Robert Laurie.
Daniel D. M'Dougall.

SECOND-CLASS CERTIFICATES.

Archibald G. Bisset.
Robert Bryson.
Hugh W. Crawford.
Andrew M. Kerr.

PRACTICAL ZOOLOGY.

Summer, 1897.

SECOND-CLASS CERTIFICATE—John Ferguson.

Winter, 1897-98.

FIRST-CLASS CERTIFICATES.

John Guthrie.
Andrew M. Kerr.
Alexander M. M'Millan.

SECOND-CLASS CERTIFICATES.

William Boyd, M.A.
Samuel C. Cowan.
James P. Gilmour.

GEOLOGY.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.
James W. French.

FIRST-CLASS CERTIFICATE—David Kyle, M.A.

SECOND-CLASS CERTIFICATES.

Alexander M. M'Millan.
William Scott.

BOTANY.

Professor F. O. Bower, Sc.D., F.R.S.

Summer, 1897.

MEDAL—Joseph G. Tomkinson.

FIRST-CLASS CERTIFICATE—Robert D. Campbell.

SECOND-CLASS CERTIFICATES.

John Muir.
William M. Brown.

PRACTICAL CLASS.

Summer, 1897.

MEDAL—William M. Brown.

FIRST-CLASS CERTIFICATE—Malcolm B. G. Sinnette.

SECOND-CLASS CERTIFICATES.

Robert D. Campbell. } Equal.
Archibald Gow. }
William Archibald.
Robert W. Valentine.
John Muir.
Archibald C. Scott.
John S. Barr. } Equal.
Thomas R. Rodger. }

HERBARIUM PRIZE AND SECOND-CLASS CERTIFICATE—John Wilson.

Mr. Wilson's Herbarium contained 446 specimens, correctly named.

PRACTICAL CHEMISTRY.

PROFESSOR JOHN FERGUSON, M.A., LL.D., F.S.A.

Summer, 1897.

JOSEPH BLACK MEDAL—William A. Milne.

FIRST-CLASS CERTIFICATES.

Daniel R. Kilpatrick.
William A. Milne.
Thomas R. Rodger.

SECOND-CLASS CERTIFICATES.

Allan H. Muir.
William Robertson.
John W. Turner.
George S. Wallace.

CHEMISTRY.

PROFESSOR JOHN FERGUSON M.A., LL.D., F.S.A.

JOSEPH BLACK MEDALS.

Robert M. Dyer. } Equal.
John Maclean. }

FIRST-CLASS CERTIFICATES.

James F. Craig.
Robert M. Dyer.
John Ferguson.
Robert R. Lynn.
John Maclean.
Alexander Matheson.

SECOND-CLASS CERTIFICATES.

Andrew F. Bell.
William Boyd, M.A.
William Dow.
William Hyslop.
Thomas W. Love.
James Moffat.
Alexander A. Macfarlane.
Ivy M'Kenzie, M.A.
Robert T. Neilson.
James C. Pairman.
John W. Renton.
George M. Young.

PRACTICAL PATHOLOGY.

LECTURER—LEWIS R. SUTHERLAND, M.B.

Summer, 1897.

JOHN HUNTER MEDAL—William K. Hutton, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Alex. Laurie Watson, M.A.
Alexander Wilson. } Equal.
Ebenezer Mitchell, M.A.
Alexander S. Wells, M.A. } Equal.
David M. Cowan.
John Craig. } Equal.

Hyam Goodman, M.A.
John W. Leitch, M.A. } Equal.
George M. Crawford.
Andrew Brownlie.
Anderson G. M‘Kendrick.
James Scott, M.A. } Equal.

PRIZE FOR SETS OF DRAWINGS—James F. Bennett.

HONOURABLE MENTION.

James H. Macdonald.

Andrew Brownlie.

SECOND-CLASS CERTIFICATES (in order of merit).

James Barrowman.
Francis A. Innes.
Robert O. Whyte, M.A.
William Wright. } Equal.
William B. Thomson.
John J. Buchan.
Thomas B. Tierney.
Henry N. Turner. } Equal.

Thomas Neill.
David J. Smith. } Equal.
Charles F. Maclean.
Arthur Vost. } Equal.
Hugh C. Ferguson.
Andrew Kerr.
Peter A. Steven. } Equal.
Hugh Miller.
John M‘Millan. } Equal.

PATHOLOGY.

LECTURER—LEWIS R. SUTHERLAND, M.B.

MEDALLIST—Alex. Laurie Watson, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

James R. Chalmers.
Alex. S. Wells, M.A. } Equal.
John M‘Millan.

William B. Thomson.
Charles F. Maclean.
Peter A. Steven. } Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

James F. Bennett.
Alfred G. Stewart. } Equal.
Hugh Miller.
William A. Riddell. } Equal.
David J. Smith.
John D. Young. } Equal.

David M. Cowan.
Duncan M. MacRae, M.A.
Charles P. Thomson. } Equal.
John M‘Gilchrist.
William Wright.
Hyam Goodman, M.A.
Richard N. Petrie. } Equal.

PHYSICS.

LECTURER—MAGNUS MACLEAN, M.A., D.Sc., F.R.S.E.

Summer, 1897.

JOSEPH BLACK MEDAL—James M‘Pherson.

FIRST-CLASS CERTIFICATES.

Alexander M. M‘Millan.
James Torrance.
James N. Prentice.

Alexander Wood.
John S. Barr.
Archibald C. Scott. } Equal.

INSANITY.

Lecturer—David Yellowlees, M.D., LL.D.

Summer, 1897.

1. MACKINTOSH BURSAR—William Webster.

FIRST-CLASS CERTIFICATES.

2. Agnes F. Blackadder.
3. John J. Buchan.
4. John Crow.
5. Thomas M. Strang.

SECOND-CLASS CERTIFICATES.

John Aitken.
Francis A. Innes.
Alexander Matheson.
James B. Miller.
Marion J. Ross.
Peter D. Strachan, M.A.

DISEASES OF THE EAR.

Lecturer—Thomas Barr, M.D.

Summer, 1897.

PRIZES.

David S. Harvey.
James B. Miller.

Winter, 1897-98.

PRIZES.

John Crow.
John W. Leitch, M.A.

FIRST-CLASS CERTIFICATES.

John Henderson.
Laurence A. Mackenzie.
Alexander Matheson.
Alexander S. Wells, M.A.

SECOND-CLASS CERTIFICATES.

Robert Crawford.
Robert Niven.
John Shaw, M.A.
Frederick E. Stokes.

DISEASES OF THROAT AND NOSE.

Lecturer—James Walker Downie, M.B.

Summer, 1897.

PRIZE AND FIRST-CLASS CERTIFICATE.

George Alexander.

FIRST-CLASS CERTIFICATES.

Thomas M. Fletcher, M.B.
Andrew S. Tindal, M.D.

SECOND-CLASS CERTIFICATES.

James Carruthers, M.A.
Thomas Hunter, M.A., B.Sc.

Winter, 1897-98.

PRIZE AND FIRST-CLASS CERTIFICATE.

John W. Leitch, M.A.

FIRST-CLASS CERTIFICATES.

Alexander Matheson. } Equal.
David J. Smith.
John Brunton.
James Barrowman.

SECOND-CLASS CERTIFICATES.

Robert F. Ballantyne. } Equal.
Alexander M. Lindsay.
John Henderson.
James B. Miller.

Faculty of Science.

ENGINEERING:

Professor Archibald Barr, D.Sc., M.Inst.C.E.

GEORGE HARVEY PRIZE.

David Robertson, Uddingston. } Equal.
William G. Strang, Uddingston.

Next in Order of Merit.

Archibald M. Macmillan, Glasgow.

WALKER PRIZES.

1. William G. Strang, Uddingston.
2. David Robertson, Uddingston.
3. Hugh Wallace, Dalmuir.
4. Owen R. Williams, Cathcart.

ENGINEERING—CLASS IV.

1. William G. Strang, Uddingston.
2. Hugh Wallace, Dalmuir.

Next in Order of Merit.

David Robertson, Uddingston.
Archibald M. MacMillan, Glasgow.

ENGINEERING—CLASS III.

1. David Robertson, Uddingston.
2. Owen R. Williams, Cathcart.

Next in Order of Merit.

Stephen Hutchison, Dreghorn.
Hugh Wallace, Dalmuir.

ENGINEERING—CLASS I.

1. William V. Shearer, Glasgow.
2. John J. Bryson, N'castle-on-Tyne.
   Archibald Leitch, Port-Glasgow.

ELECTRICAL ENGINEERING COURSE.

Owen R. Williams, Cathcart.

Next in Order of Merit.

Hugh Wallace, Dalmuir.

ENGINEERING DRAWING—SENIOR COURSE.

1. Andrew Marshall Downie, Glasgow.
2. Hugh Wallace, Dalmuir.

Next in Order of Merit.

Owen R. Williams, Cathcart.

ENGINEERING DRAWING—JUNIOR COURSE.

1. Robert T. Neilson, Bellshill.
2. James N. Stirling, Paisley.

Next in Order of Merit.

James Aitchison, Bearsden. } Equal.
John Ward, Dumbarton. }

ENGINEERING LABORATORY—MECHANICAL COURSE.

1. Stephen Hutchison, Dreghorn.
2. Archibald M. MacMillan, Glasgow.

ELECTRICAL COURSE.

Hugh Wallace, Dalmuir.

RECOMMENDED FOR MUIR BURSARIES.

William V. Shearer, Glasgow.
James N. Stirling, Paisley.

NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

PROFESSOR J. H. BILES.

SENIOR CLASS.

Charles S. Douglas, Glasgow.

JUNIOR CLASS.

Hugh M. MacMillan, Govan.

SENIOR DRAWING CLASS.

Malcolm H. M'Gann, U.S.A.

ELECTRICITY—PURE AND APPLIED.

LECTURER—MAGNUS MACLEAN, M.A., D.Sc., F.R.S.E.

Summer, 1897.

FIRST-CLASS CERTIFICATES.

Stephen Hutchison.
Joseph White.

Faculty of Arts.

MATHEMATICS.

PROFESSOR WILLIAM JACK, M.A., LL.D.

ADVANCED HONOURS CLASS.

1. Thomas Pullar (Cunninghame Gold Medal).
2. David K. Picken (*proxime accessit*).
   Joseph White (Second-Year Student).

INTERMEDIATE HONOURS CLASS.

1. *Robert B. Carslaw, Glasgow Academy.
2. Francis P. H. Stirling, Paisley Grammar School and Academy.
3. Robert W. Stewart, Glasgow High School.
4. Peter Lowson, Victoria Road School, Dundee.

---

* Mr. Carslaw obtains the Senior Muir Bursary in Mathematics under the conditions in the *Calendar*.

SECOND CLASS.

1. *John C. Mann, Hillhead Public School, Glasgow (Div. B.).
2. David M. Hutchison, Glasgow High School (Div. B.).
   Samuel F. H. Mackay, Glasgow Academy (Div. A.).
   Hugh Watt, Kilmarnock Academy (Div. A.).
5. Helena D. Hunt, (Q.M.C.).
6. Alexander Lamont, Whitehill Public School, Glasgow (Div. B.).
7. Susan J. Russell (Q.M.C.).
8. Alexander Strachan, Whitehill Public School, Glasgow (Div. A.).
9. Mary Simpson (Q.M.C.).
   James Sinclair, Garscube P.T. Institute (Div. B.).

FIRST CLASS.

1. Albert W. Bean.
2. David G Hunter.

Summer, 1897.

LECTURERS—WILLIAM E. PHILIP, M.A., AND WILLIAM A. LINDSAY, M.A.

PRIZES.

1. Thomas M. Hunter.
2. John Muir.

NATURAL PHILOSOPHY.

PROFESSOR LORD KELVIN, G.C.V.O., F.R.S.

1. Robert M. Dyer, Glasgow (Cleland Gold Medal).
2. Robert B. Carslaw, Helensburgh.
3. Enju Odagiri, Japan.
4. James M. Clark, Glasgow.
5. Robert Frame, Glasgow.
   Andrew M'Kerral, Southend, Kintyre.
7. Robert A. Burr, Govan.
   Alexander S. Dunlop, Greenock.
9. David K. Picken, Glasgow.

APPLIED HIGHER MATHEMATICS.

1. William Fulton, Uddingston.
   Alexander A Gardner, Partick.
   Joseph White, Pollokshields.
2. Robert J. T. Bell, Hamilton.
   Thomas Pullar, Perth.

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A., LL.D.

ORDINARY COURSE.

Prizes and First-Class Certificates of Merit for General Eminence in the Essays and Exercises of the Class.

1. Thomas Jones (Buchanan Prize)
2. Alexander D. Lindsay.
3. Richard L. Franks.
   Duncan M'Taggart.
   Alexander M. Robb.
6. John E. S. Otty.
7. Henry A. Inglis.
   John Muir.
   James M'Clelland.
10. John C. Russell.

---

*Mr. Mann obtains the Junior Muir Bursary in Mathematics under the conditions in the *Calendar*.

FIRST-CLASS CERTIFICATES OF MERIT.

Isabella B. Blair.
Mary Isa Campbell.
William Dick.
William G. Macalister.
Alexander B. Mackay.
Thomas Paterson.

HONOURS CLASS.

Hugh R. Buchanan (Edward Caird Medal).

PRIZE FOR VACATION WORK.

Alexander D. Lindsay.

POLITICAL ECONOMY.

PROFESSOR WILLIAM SMART, M.A., LL.D., D.Phil.

1. John E. S. Otty.
2. Agnes M. Tannahill.
3. Thomas Neilson.
4. David Bain.

Proxime accesserunt.

James A. Milligan.
James M. Black.
William Goodwin.
Robert W. R. Shearer.
Isobel Yuill.
Alexander M'Donald.
Peter Beith.

LOGIC AND METAPHYSICS.

PROFESSOR ROBERT ADAMSON, M.A., LL.D.

PRIZES.

1. Duncan M'Taggart, Paisley (Buchanan Prize).
2. Henry A. Inglis, Devonport.
   John E. S. Otty, Bradford. Equal.
4. Ritchie Girvan, Glasgow.
5. John L. Stewart, Campsie.
6. Alexander Burns, Glasgow.
7. Richard L. Franks, Redcar, Yorks.
8. Harry A. P. Anderson, Govan.
   Harry Diamond, Milngavie. Equal.

CERTIFICATES OF MERIT.

1. Alexander Auchinachie, Kilwinning.
2. Peter G. Smith, Stonehouse.
3. George Condie, Glasgow.
4. Daniel M'Leod, Greenock.
5. Jessie R. Wylie, Glasgow.
6. Alexander Strang, Denny.
   William S. Sutherland, Fort-William. Equal.
8. Alexander M'Leish, Crieff.
9. William Tannock, Mauchline.
10. Thomas Neilson, Whitburn.

HONOURS CLASS.

ORDER OF MERIT.

1. Archibald Main.
2. Hugh R. Buchanan.
3. Alexander Montgomerie.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

HONOURS CLASS.

1. John Lochhead (Prize).
2. { Gordon B. Nielson.
   Helen M. Rule.
4. Henry Murphy.
5. Alexander Bain.

ORDINARY CLASS.

1. Alexander Strang.
2. Hector C. Cameron.
3. { Alexander Montgomerie.
   John F. Young.
5. { Fergus Ferguson.
   John Muir.

HIGHLY DISTINGUISHED.

7. Thomas Steele.
8. Thomas R. M'Murtrie.
9. Winifred Boyd.
10. Agnes M. Tannahill.
11. Maude G. May.
12. Thomas Paterson.
13. Andrew Scouller.
14. Thomas W. Donald.
15. James Cappell.
16. Barbara P. Osborne.

ENGLISH LITERATURE.

PROFESSOR ANDREW CECIL BRADLEY, M.A.

HONOURS CLASS.

1. Helen M. Rule.
2. Elizabeth B. Coats.

ORDINARY CLASS.

1. William Scott (Buchanan Prize).
2. { Alexander Auchinachie.
   Ritchie Girvan.
4. Robert M'Ewan.
5. { William R. Dow.
   James Sheridan.
7. Henry A. Inglis.
8. { William Forsyth.
   Thomas Jones.
10. Charles G. M'Ilravey.

HIGHLY COMMENDED (in alphabetical order).

James W. Baird, M.A.
William Baird.
John Harvey.
Charles Robertson.
John Shearer.
Ernest G. Smith.

PHILOLOGY.

1. James Sheridan.
2. William Forsyth.

VACATION PRIZE.

David W. B. F. Campbell.

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. { Alexander Cross. / George Ogilvie. } Equal.
3. William R. Dow.
4. John Gilmour.
5. John A. Martin.
6. Alexander D. Morton.
7. John Shearer.

FIRST-CLASS CERTIFICATES.

Daniel K. Campbell.
James Leckie.
Samuel Wilson.
William Reid Wiseman.

GREEK.

PROFESSOR GEORGE G. A. MURRAY, M.A.

I. Prizes for General Excellence in Work during the Session.

HONOURS CLASS, 12 NOON.

EXAMINATION PRIZES.

1. Samuel F. H. Mackay (Glasgow Academy).
2. Alexander D. Lindsay (Glasgow Academy).
3. { Mabel Atkinson (Private Study). / Andrew J. C. Kerr (Free Church Normal College).
5. Janet Spens (Private Study).

COMPOSITION PRIZE.

William Fulton (Glasgow High School).

SENIOR CLASS, 8 A.M.

JEFFREY GOLD MEDAL—George Hope Stevenson (Glasgow Academy).

ORDINARY PRIZES.

1. Steuart N. Miller (Glasgow High School).
2. John J. Gemmell (Ayr Academy).
3. { David M'Cowan Hutchison (Glasgow High School). / Samuel Wilson (Ladyland Public School).
5. David G. Taylor (Allan Glen's School).
6. George D. Reith (Glasgow Academy).
7. William Richard Wiseman (Glasgow High School).
8. James F. Dyer (Glasgow High School).

COMPOSITION PRIZES.

1. David M'Cowan Hutchison (Glasgow High School).
2. George Hope Stevenson (Glasgow Academy).

MIDDLE CLASS, 10 A.M.

SCOTT-MACFARLAN GOLD MEDAL—George N. Morrison (Private Tuition).

ORDINARY PRIZES.

1. William R. Merry* (Dumfries Academy).
2. James Struthers (Galston Public School).
3. George Beaumont (Lanark Grammar School).
4. { Arthur G. H. Elder (Paisley Grammar School). / John M. Richardson (Stirling High School).
6. John Safely (Carluke Public School).
7. George P. Philps (Dundee High School).

* Second Year in this Class.

JUNIOR CLASS, 12 NOON.

1. { Alexander M. Allan (Kilmarnock Academy).
   { Charles B. Farmer (Overnewton Public School).
3. George Aitken (Glasgow High School).

II. Prizes for Vacation Work.

1. Greek Prose—Samuel F. H. Mackay (Glasgow Academy).
2. Examination in Æschylus, *Agamemnon*—
   William A. Edward (Overnewton Public School).
   Andrew J. C. Kerr (Abbotsford Public School).
   William H. Love (Greenock Academy).
   William Richard Wiseman (Glasgow High School).
3. Repetition of *Œdipus Tyrannus*—Norman R. Mitchell.
   Odyssey VI.—Archie D. Thomson (Rothesay Academy).
4. Ancient Philosophy—No candidate.

BLACKSTONE EXAMINATION.

COWAN GOLD MEDAL—Samuel F. H. Mackay.

SANDFORD SCHOLARSHIP—John Harvey.

Summer, 1897.

LECTURER—RONALD M. BURROWS, M.A.

PRIZE—Alexander Sellar.

HUMANITY.

PROFESSOR GEORGE G. RAMSAY, M.A., LL.D., Litt.Doc.

I. Prizes for General Excellence in the Work of the Session.

JUNIOR CLASS, 8 A.M.

1. David Forfar, Lanark (Bannockburn Public School).
2. William W. Clark, Larkhall (Larkhall Public School).

MIDDLE CLASS, 8 AND 11 A.M.

1. Robert R. Milne, Paisley (Paisley Grammar School).
2. George N. Morrison, Edinburgh (Private and George Watson's College).
3. Arthur G. H. Elder, Paisley (Neilston Institution and Paisley Grammar School).
4. George P. Philps, Glasgow (Forfar and Dundee High Schools).
5. Hamilton Crawford, Paisley (Paisley Grammar School).
6. George Beaumont, Manchester (Lanark Grammar School).

SENIOR CLASS, 9 A.M.

THE COWAN GOLD MEDAL.

1. George H. Stevenson, Glasgow (Glasgow Academy).

ORDINARY PRIZES.

2. Steuart N. Miller, Aberlour (Glasgow High School and E.C. Normal).
3. David G. Taylor, Glasgow (Allan Glen's School).
4. Charles A. Young, Stirling (Stirling High School).
5. John J. Gemmell, Ayr (Ayr Academy).

6. Arthur S. Hutchison, Stirling (Stirling High School).
7. Samuel Wilson, Maybole (Ladyland Public School).
8. James F. Dyer, Glasgow (Glasgow High School and Allan Glen's).
9. George D. Reith, Glasgow (Glasgow Academy).

Private and Honours Class, 1 p.m.

MUIRHEAD PRIZES.

Books read—Plautus, *Miles Gloriosus*; Juvenal, *Satires*; Horace, *Epistles* II., and *Ars Poetica*; Virgil, *Æneid* VII.

1. Samuel F. H. Mackay, Helensburgh (Glasgow Academy).
2. William L. Thomson, Broughty Ferry (Hutchesons' Grammar School).
3. William H. Love, Airdrie (Greenock Academy).

II. For Latin Prose Composition. Senior Class.

SECTION I.

1. William H. Begg, Greenock (Glasgow Academy).

SECTION II.

1. Dougald B. M'Quistan, Inverkip (Whitehill Public School).

III. Vacation Exercises.

FOR THE BEST EXAMINATION IN CERTAIN PREPARED BOOKS.

Open to the Senior Class of 1897-98.
Arthur S. Hutchison, Stirling.

FOR A SIMILAR EXAMINATION.

Open to the Junior Class of 1896-97.
Thomas B. Cameron, Renfrew (Renfrew Grammar School).

For Latin Prose.

Open to the Senior Class of 1896-97, for a Latin Essay on Sejanus.
Samuel F. H. Mackay, Helensburgh.

Open to the Senior Class of 1897-98.
Arthur S. Hutchison, Stirling.

The Latin Blackstone Examination.

COWAN GOLD MEDAL.

Samuel F. H. Mackay, Helensburgh.

Summer, 1897.

Lecturer—John Brown, M.A.

PRIZES.

1. John E. S. Otty.
2. Joseph Barnes.

WOMEN'S DEPARTMENT.

GREEK.

Professor G. G. A. Murray, M.A., and George Macdonald, M.A.

HONOURS CLASS.

Mabel Atkinson—(See under Men's Department).
Janet Spens—(See under Men's Department).

ENGLISH LANGUAGE AND LITERATURE.

HONOURS CLASS.

Professor A. C. Bradley, M.A.

Helen M. Rule—(See under Men's Department).
Elizabeth B. Coats—(See under Men's Department).

ORDINARY CLASS.

Lecturer—Adolphus A. Jack, M.A.

PRIZES.

1. NICHOL MEMORIAL PRIZE—Helen M. Armour.
2. Margaret E. Lindsay.
3. Mary M'Dermid.
4. Lucy T. Fleming.
5. Mary Walker.

SECOND YEAR'S STUDENTS.

PRIZE FOR ESPECIAL DISTINCTION—Margaret L. Anderson.

PRIZE FOR VACATION WORK (Summer, 1897)—Maude G. May.

FRENCH LANGUAGE AND LITERATURE.

Lecturer—Alfred Mercier, L.-ès-L.

FIRST-CLASS CERTIFICATE—Annie Dorothy Harrison.

LOGIC AND METAPHYSICS (Queen Margaret College).

Lecturer—Norman D. Smith, M.A.

PRIZE—Susan J. Russell.

CERTIFICATES OF MERIT.

Margaret M. Stark.
Agnes Gibson.

LOGIC AND METAPHYSICS (At the UNIVERSITY).

PROFESSOR ROBERT ADAMSON, M.A., LL.D.

Jessie R. Wylie—(See under Men's Department).

MORAL PHILOSOPHY (QUEEN MARGARET COLLEGE).

LECTURER—ROBERT A. DUFF, M.A.

PRIZE AND FIRST-CLASS CERTIFICATE—Annie Dunlop.

FIRST-CLASS CERTIFICATES.

Elizabeth R. M'Lean.	Jessie L. Gilchrist.

MORAL PHILOSOPHY (At the UNIVERSITY).

PROFESSOR HENRY JONES, M.A., LL.D.

Isabella B. Blair.	Mary Isa Campbell.

(See under Men's Department.)

POLITICAL ECONOMY.

PROFESSOR WILLIAM SMART, M.A., LL.D., D.Phil.

Agnes M. Tannahill.	Isobel Yuill.

(See under Men's Department.)

MATHEMATICS.

PROFESSOR JACK, LL.D.; HORATIO S. CARSLAW, M.A.; AND WILLIAM A. LINDSAY, M.A.

Helena D. Hunt.	Susan J. Russell.	Mary Simpson.

(See under Men's Department.)

NATURAL PHILOSOPHY.

LECTURER—PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATE—Margaret L. Anderson.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

HONOURS CLASS.

Helen M. Rule—(See under Men's Department).

ORDINARY CLASS.

Winifred Boyd.	Maude G. May.
Agnes M. Tannahill.	Barbara P. Osborne.

(See under Men's Department.)

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. Emily Studley.
2. Jane M. Allison.
3. Jane M. Martin.
4. Lucy T. Fleming. } Equal.
   Mary Kerr. }
5. Maggie Pettigrew.
6. Martha Purdie.
7. Mary Craig.

FIRST-CLASS CERTIFICATES.

Kate F. Brown.
Minnie C. Caskey.
Mary J. Conchar.
Grace Duncan.
Maggie M. Hendrie.
Isabella B. Howat.
Jessie F. Montgomery.
Janet Morrin.
Mary M'Dermid.
Agnes W. J. M'Nair.
Jessie R. Sim.
Mary E. P. Smith.
Mary Walker.
Margaret G. Wood.

CHEMISTRY.

LECTURER—THOMAS GRAY, B.Sc.

SYSTEMATIC.

MEDAL—Martha H. Scott.

FIRST-CLASS CERTIFICATES.

Emilia A. E. M'Cosh.
Minna Edgar.

SECOND-CLASS CERTIFICATES.

Edith C. Wallace.
Ethel M. Lochhead.

PRACTICAL.

MEDAL—Martha H. Scott.

FIRST-CLASS CERTIFICATES.

Minna Edgar.
Margaret H. Smart.

SECOND-CLASS CERTIFICATES.

Ethel M. Waldock.
Jane Campbell.

PHYSICS.

LECTURER—PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

MEDAL.

Martha H. Scott.

FIRST-CLASS CERTIFICATES.

Emilia A. E. M'Cosh.
Minna Edgar.

SECOND-CLASS CERTIFICATES.

Jane Campbell. } Equal.
Ethel M. Lochhead. }
Margaret H. Smart.
Ethel M. Waldock. } Equal.
Edith C. Wallace. }

ZOOLOGY.

Professor John Young, M.D., and James Rankin, B.Sc.

Systematic.

MEDAL.

Gertrude D. Bostock.

FIRST-CLASS CERTIFICATE.

Elizabeth M. Sloan.

SECOND-CLASS CERTIFICATES.

Alice Moorhouse.
Martha H. Scott.

Practical.

MEDAL.

Gertrude D. Bostock.

SECOND-CLASS CERTIFICATES.

Martha H. Scott.
Agnes B. Sloan.

BOTANY.

Lecturer—William H. Lang, B.Sc., M.B.

Systematic.

MEDAL.

Gertrude D. Bostock.

SECOND-CLASS CERTIFICATES.

Martha H. Scott.
Elizabeth M. Sloan.
Agnes B. Sloan.

Practical.

MEDAL.

Gertrude D. Bostock.

FIRST-CLASS CERTIFICATE.

Martha H. Scott.

SECOND-CLASS CERTIFICATES.

Kate Fraser.
Agnes B. Sloan.

ANATOMY.

Lecturer—Thomas H. Bryce, M.A., M.B.

Winter, 1897-98.

SENIOR ANATOMY.

MEDAL.

Gertrude J. Campbell.

FIRST-CLASS CERTIFICATES.

Lizzie T. Fraser. } Equal.
Jean M. F. Marshall. }
Margaret Ritchie.

SECOND-CLASS CERTIFICATES.

Mary F. Liston.
Christian C. W. Smith.
Agnes B. Sinclair.

JUNIOR ANATOMY.

MEDAL.

Kate Fraser.

FIRST-CLASS CERTIFICATE.

Jeanie Auld.

SECOND-CLASS CERTIFICATE.

Agnes M. Brown.

EMBRYOLOGY.

Summer, 1897.

FIRST-CLASS CERTIFICATE—Jean M. F. Marshall.

SECOND-CLASS CERTIFICATES.

Mary F. Liston.
Lizzie T. Fraser.

PHYSIOLOGY.

PROFESSOR JOHN G. M'KENDRICK, M.D., LL.D., F.R.S., AND WILLIAM SNODGRASS, M.A., M.B., and Muirhead Demonstrator.

SYSTEMATIC CLASS.

MEDAL—Mary J. Pirret.

SECOND-CLASS CERTIFICATES.

Gertrude J. Campbell.
Elizabeth M. Sloan.

ADVANCED PRACTICAL PHYSIOLOGY.

Ruth Pirret—(See under Men's Department).

PRACTICAL PHYSIOLOGY.

Summer, 1897.

MEDAL—Mary F. Liston.

FIRST-CLASS CERTIFICATE—Lizzie T. Fraser.

SECOND-CLASS CERTIFICATES.

Catherine S. Howden.
Alice R. Walker.
Jean M. F. Marshall.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR RALPH STOCKMAN, M.D.

MEDAL—Mary J. Pirret.

FIRST-CLASS CERTIFICATE—Lizzie T. Fraser.

SECOND-CLASS CERTIFICATES.

Martha Adams.
Christian C. W. Smith.
Mary F. Liston.

PRACTICAL PHARMACY.

Summer, 1897.

LECTURER—CHARLES O. HAWTHORNE, M.B.

MEDAL—Christian C. W. Smith.

FIRST-CLASS CERTIFICATES.

Lizzie T. Fraser.
Mary F. Liston. } Equal.

SECOND-CLASS CERTIFICATES.

Jean M. F. Marshall.
Lila S. Greig.
Mabel Talbot.

PATHOLOGY.

LECTURER—CHARLES WORKMAN, M.D.

MEDAL—Christian C. Wood Smith.

FIRST-CLASS CERTIFICATES.

Lila S. Greig.
Jean M. F. Marshall.

SECOND-CLASS CERTIFICATE.

Mary F. Liston.

PRACTICAL PATHOLOGY.

Summer, 1897.

MEDAL—Ina L. M'Neill.

SECOND-CLASS CERTIFICATES.

Sara Davidson.
Jessie S. B. Hunter.

SURGERY.

LECTURER—JAMES H. PRINGLE, M.B., F.R.C.S.

MEDAL—Jessie D. Granger.

FIRST-CLASS CERTIFICATES.

Grace L. Young.
Sara Davidson.
Ina L. M'Neill.
Jessie S. B. Hunter. } Equal.

SECOND-CLASS CERTIFICATES.

Maud Spencer.
Auguste Boyes.
Edythe M. S. Walker.
Lila S. Greig.

MIDWIFERY AND DISEASES OF WOMEN.

Professor Murdoch Cameron, M.D., and J. M. M. Kerr, M.B.

SECOND-CLASS CERTIFICATES.

Jessie D. Granger.
Grace L. Young.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

Summer, 1897.

Professor P. A. Simpson, M.A. (Cantab.), M.D., and Hugh Galt, M.B., D.P.H. (Cantab.).

MEDAL—Grace L. Young.

SECOND-CLASS CERTIFICATE.

Jessie D. Granger.

INSANITY.

Lecturer—David Yellowlees, M.D., LL.D.

Agnes F. Blackadder.
Marion J. Ross.
(See under Men's Department.)

OPHTHALMOLOGY.

Lecturer—A. Maitland Ramsay, M.D.

FIRST-CLASS CERTIFICATES.

Annie L. M'Ilroy. }
Grace L. Young. } Prizes given by Lecturer.
Auguste Boyes.

SECOND-CLASS CERTIFICATES.

Maud Spencer.
Mabel Hardie.
Ina L. M'Neill.
Jessie D. Granger.

XII.—EXAMINATION QUESTIONS.

I. PRELIMINARY EXAMINATION IN ARTS AND SCIENCE.

ENGLISH.

Saturday, 26th March, 1898.

FIRST PAPER—9 TO 11 A.M.

(FIVE, *and not more than* FIVE, *questions are to be answered. Questions* 1, 2, *and* 6 *must be answered by all.*)

1. Write an essay, from two to three pages long, on one of the following subjects :

(*a*) *Comus* as an allegory.
(*b*) The characteristics of your ideal friend.
(*c*) "Solitude sometimes is best society."

2. Paraphrase :

KING JOHN TO HUBERT.

Hadst thou but shook thy head or made a pause
When I spake darkly what I purposed,
Or turn'd an eye of doubt upon my face,
As bid me tell my tale in express words,
Deep shame had struck me dumb, made me break off,
And those thy fears might have wrought fears in me :
But thou didst understand me by my signs
And didst in signs again parley with sin ;
Yea, without stop, didst let thy heart consent,
And consequently thy rude hand to act
The deed, which both our tongues held vile to name.
Out of my sight, and never see me more !
My nobles leave me ; and my state is braved,
Even at my gates, with ranks of foreign powers :
Nay, in the body of this fleshly land,[1]
This kingdom, this confine of blood and breath,
Hostility and civil tumult reigns
Between my conscience and my cousin's death.

[1] *i.e.*, himself.

3. Give a *general* analysis of the following passage, and parse the words in italics :

Some ladies love the jewels in love's zone
  And gold-tipped darts he hath for painless play
  In idle scornful hours he flings away ;
And some *that* listen to his lute's soft tone
Do love *to vaunt* the silver praise their own ;
  Some prize his blindfold sight ; and there *be* they
  Who kissed his wings which brought him yesterday
And thank his wings to-day *that* he is flown.

4. In the following sentence point out the words of classical origin, and re-write it, substituting words of native for words of classical origin :

(*a*) Clarendon distinctly says that they perfectly detested the counsels by which the king had been guided, and were so much displeased and dejected at the unfair manner in which he had treated them that they were inclined to retire from his service.

Or (*b*) Derive eight of the following words :—Soar, dyspepsia, twit, aid, immense, diorama, sample, twilight, chain, costume, astonish, microcosm.

5. Under what circumstances is the verb singular when a subject consists of two or more nouns (or noun-equivalents) united by the conjunction 'and'? Give examples.

6. Re-write so as to correct or improve the following sentences, giving reasons for any changes you may make :

(*a*) To this moment I am utterly ignorant of any contributors to whom they either have or were called upon to pay money.

(*b*) Being built on the site of an old cemetery, no true Jew could enter Tiberias without ceremonial pollution.

(*c*) At the period of which we are treating, neither the commerce nor manufactures of Scotland had risen to that height which has since wrought such changes, not only in the appearance of the country, but affecting the very depths and principles of the national character.

(*d*) The enemy had intended to have arrested Colonel Kelly's progress at or near the spot where Captain Ross's party had suffered so severely.

SECOND PAPER—12 NOON TO 2 P.M.

(EIGHT, *and not more than* EIGHT, *questions are to be answered. Of these* THREE *must be taken from* SECTION A (*and of the three*, 2 *or* 5 *must be one*), THREE *from* SECTION B, *and* TWO *from* SECTION C.

A.

1. Give some account of *two* or *three* (*not more*) of

(*a*) *Sense and Sensibility*, *Lorna Doone*, *Jane Eyre*, *Aurora Leigh*, *The Cottar's Saturday Night*, *Childe Harold*, *Murder as one of the Fine Arts ;*

or (*b*) Archimago, Baron Bradwardine, Cloten, Smike, Corporal Trim, Dr. Firmin, David Balfour, Sophia Primrose.

NOTE.—*The answer to this question must indicate a first-hand acquaintance with the subjects chosen.*

2. Sketch the characters of David Deans, Prospero, and Will Wimble.

3. Discuss the characteristics of (*a*) Addison's humour, *or* (*b*) Milton's thought, as illustrated in the prescribed texts.

4. Give a full account of *one* of the following :

(*a*) Jeanie Deans's adventures on the road to London.

(*b*) The story of *The Tempest.*

(*c*) The Spectator's Club.

5. Write brief notes on :

(*a*) The Everlasting Club treats all other clubs with an eye of contempt, and talks even of Kit Cat and October as of a couple of upstarts.

(*b*) Which now we find
Each putter-out of five for one will bring us
Good warrant of.

(*c*) One of the Judges, better acquainted, perhaps, with the Books of Adjournal than with the Book of Samuel, was disposed to make some instant enquiry after this Widow of Tekoah, who, as he construed the matter, had been tampering with the evidence.

(*d*) Or whether thou, to our moist vows denied,
Sleep'st by the fable of Bellerus old,
Where the great vision of the guarded mount
Looks towards Namancos and Bayona's hold.

(*e*) That Orpheus' self may heave his head
From golden slumber on a bed
Of heaped Elysian flowers, and hear
Such strains as would have won the ear
Of Pluto to have quite set free
His half-regained Eurydice.

B.

1. Give a short biography of Sir Robert Walpole.

2. Write notes on *four* of the following : Porteous Riots, Berlin Decree, The Six Acts, Gordon Riots, Battle of Waterloo, Battle of Fontenoy, The War with the United States (1812-14), Catholic Emancipation, Defence of Gibraltar, Bombardment of Copenhagen.

3. Write notes on *four* of the following : Palmerston, Wellington, Burke, Canning, Nelson, Earl of Chatham, John Wilkes, Earl Grey, Lord Raglan, Warren Hastings.

4. Give some account of India from 1751 to 1764, or of Ireland from 1782 to 1800.

5. Describe the general features of domestic politics from 1815 to 1832.

6. Give some account of Scottish affairs from 1707 to 1746.

C.

1. Give a general account of the build, the river systems, and the climate of India.

2. Describe the physical features, the natural resources, the manufactures, and indicate the chief towns, of the plain of the Forth and Clyde.

3. Describe the west coast of Africa, indicating the divisions, by whom they are held, and their importance.

4. Give some account of Japan.

LOWER LATIN.

Monday, 28th March, 1898.—9 A.M. TO 12 NOON.

I. Translate :—

A Triumphal Procession.

Pone filios incedebat cum uxore Perseus, stupenti et attonito similis, et cui magnitudo malorum mentem omnino eripuisse *videretur*. sequebatur amicorum et familiarium turba, quorum in vultu dolor gravis eminebat, quique, cum semper oculos in eum figerent, lacrimis rigantes ora, satis indicabant, sese illius malis dolere, suorum immemores. hanc quidem ignominiam deprecatus erat Perseus, *missis* ad Aemilium, qui *orarent*, ne in triumpho duceretur. risit Aemilius hominis ignaviam, et "id quidem" inquit, "in ipsius manu ac potestate et pridem fuit, et nunc est"; tacite monens, ut generosa morte id, quod metuebat, dedecus effugeret. sed forte consilium non admisit mollis animus ; et nescio qua spe delenitus, maluit in praedae suae parte ipse numerari. quadringentae inde coronae aureae portabantur, Paulo ab omnibus fere Graeciae et Asiae civitatibus in gratulationem victoriae per legatos *dono* missae : grandis sane *pretii*, si per se ipsae spectarentur, sed mediocris accessio immanium opum, quae in hoc triumpho transvectae fuerant.

Account for mood or case of words in italics.

II. For Latin Prose :—

'I will be no man's tributary!' the Indian King replied, 'I am greater than any prince upon earth. Your emperor may be a great prince ; I do not doubt it, when I see that he has sent his subjects so far across the waters ; and I am willing to hold him as a brother. As for the Pope of whom you speak, he must be crazy to talk of giving away countries which do not belong to him. For my faith,' he continued, 'I will not change it. Your own God, as you say, was put to death by the very men whom he created. But mine,' he concluded, pointing to his deity—then, alas ! sinking in glory behind the mountains —'my god still lives in the heavens, and looks down upon his children.'

III. GRAMMAR.

1. Give accusative singular, nominative and genitive plural, with meaning, of : *lis, facies, paterfamilias, auceps, vis, cinis.*

Decline in the singular : *alterum vas ; mas passer.*

2. Give the positive, comparative, and superlative of the adverbs formed from : *atrox, miser, dignus, facilis.*

Write in Latin : *two-fold, twenty times, seventy-second, eighteen hundred and ninety-eight.*

3. Give the meaning and the principal parts of : *ĕdo, ēdo ; sedeo, sedo ; necto, texo ; meto, metior.*

Write down all the participles and infinitives of *morior.*

Write short Latin sentences with translation to show the difference between *ne* and *ut non ; rĕfert* and *rēfert ; quum* and *quando ; moneo* (*a*) with infinitive, (*b*) with subjunctive ; *quisque* and *quisquam.*

IV. Sentences.

Translate into Latin :—

1. The army is too large to be easily defeated.
2. He has gone to Athens in Greece to teach philosophy.
3. We ought to smile, whether we win or lose.
4. The soldier, seeing the enemy off their guard, hoped to enter their camp, and find out how many they were.

HIGHER LATIN.

Tuesday, 29th March, 1898.

FIRST PAPER—9 to 11 a.m.

I. For Latin Prose.

Having assembled the whole body of the people in the court before his palace, he assured them that the happiness of seeing them once more in possession of freedom was to him a full reward for all his services ; that more delighted with the name of citizen than of sovereign, he claimed no pre-eminence or power above his equals ; but remitted entirely to them the right of settling what form of government they would now choose to be established among them. The people listened to him with tears of admiration and of joy. Twelve persons were elected to new-model the constitution of the republic. The influence of Doria's virtue and example communicated itself to his countrymen ; the factions which had long torn and ruined the state seemed to be forgotten ; prudent precautions were taken to prevent their reviving ; and the same form of government which hath subsisted with little variation since that time in Genoa, was established with universal applause.

II. Grammar.

1. (*a*) Give the chief parts of : *aufero, sedeo, caedo, pergo.*

(*b*) Parse the following, and mark the quantity of every syllable : *dilexeris, innotuit, redito, veneat.*

2. (*a*) Explain the usage of the following words, and construct very brief sentences to illustrate it : *quidem, demum, quŏque, autem.*

(*b*) Distinguish carefully the Gerund and Gerundive, and explain their use.

(*c*) Explain shortly the use of the interrogative particles *ne, num, nonne, utrum, necne.*

(*d*) Distinguish *fere, paene ; ultra, ultro ; pridem, diu.*

(*e*) Express in Latin :

He came to me at Tusculum.
He crossed from Greece to Asia.
He crossed the river and stayed three days at Mantua.
Three days later he halted near Capua.

SECOND PAPER—12 noon to 2 p.m.

I. Translate :—

(*a*) Placet igitur mihi, patres conscripti, legionis Martiae militibus et eis, qui una pugnantes occiderint, monimentum fieri quam amplissimum.

Magna atque incredibilia sunt in rem publicam huius merita legionis. Haec se prima latrocinio abrupit Antonii: haec tenuit Albam: haec se ad Caesarem contulit: hanc imitata quarta legio parem virtutis gloriam consecuta est. Quarta victrix desiderat neminem: ex Martia non nulli in ipsa victoria conciderunt. O fortunata mors, quae naturae debita pro patria est potissimum reddita! Vos vero patriae natos iudico: quorum etiam nomen a Marte est, ut idem deus urbem hanc gentibus, vos huic urbi genuisse videatur. In fuga foeda mors est: in victoria gloriosa. Etenim Mars ipse ex acie fortissimum quemque pignerari solet. Illi igitur impii, quos cecidistis, etiam ad inferos poenas parricidii luent: vos vero, qui extremum spiritum in victoria effudistis, piorum estis sedem et locum consecuti. Brevis a natura nobis vita data est: at memoria bene redditae vitae sempiterna. Quae si non esset longior quam haec vita, quis esset tam amens qui maximis laboribus et periculis ad summam laudem gloriamque contenderet?

(*b*) [*The Duties of a General.*]

Si longa moretur
obsidio, tum vota cave secura remittas
inclusumve putes; multis damnosa fuere
gaudia; dispersi pereunt somnove soluti;
saepius incautae nocuit victoria turbae.
neu tibi regificis tentoria longa redundent
deliciis, neve imbelles ad signa ministros
luxuries armata trahat. neu flantibus Austris
neu pluviis cedas, neu defensura calorem
aurea summoveant rapidos umbracula soles.
inventis utere cibis. solabere partes
aequali sudore tuas: si collis iniquus,
primus ini; silvam si caedere provocat usus,
sumpta ne pudeat quercum stravisse bipenni.
calcatur si pigra palus, tuus ante profundum
pertemptet sonipes. fluvios tu protere cursu
haerentes glacie, liquidos tu scinde natatu.
nunc eques in medias equitum te consere turmas;
nunc pedes adsistas pediti. tum promptius ibunt
te socio, tum conspicuus gratusque geretur
sub te teste labor.

II. Sentences.

1. He could not help one of the two men without injuring the other.

2. The road was five feet wide: the soldiers marched in pairs, each man carrying his spear.

3. I asked him why he had done this, why he now accepted money, and why he was going to betray his country: he made no reply.

4. A speech of any length you like can be made upon any subject you please: if you name the subject, it shall be done.

5. When I arrive, I will let you know: at this moment, when I write, I have no information.

LOWER GREEK.

Saturday, 26*th March*, 1898.—3 TO 6 P.M.

I. Translate :—

Παῖδες ἐμοὶ καὶ πάντες οἱ παρόντες φίλοι, ἐμοὶ μὲν τοῦ βίου τὸ τέλος ἤδη πάρεστιν· ἐκ πολλῶν τοῦτο σαφῶς γιγνώσκω· ὑμᾶς δὲ χρή, ὅταν τελευτήσω, ὡς περὶ εὐδαίμονος ἐμοῦ καὶ λέγειν καὶ ποιεῖν πάντα. ἐγὼ γὰρ παῖς τε ὢν τὰ ἐν παισὶ νομιζόμενα καλὰ δοκῶ κεκαρπῶσθαι, ἐπεί τε ἥβησα, τὰ ἐν νεανισκοις, τέλειός τε ἀνὴρ γενόμενος τὰ ἐν ἀνδράσι· σὺν τῷ χρόνῳ τε προϊόντι ἀεὶ συνηυξάνετο ἡ ἐμὴ δύναμις, ὥστε καὶ τοὐμὸν γῆρας οὐδεπώποτε ᾐσθόμην τῆς ἐμῆς νεότητος ἀσθενέστερον γιγνόμενον. καὶ τοὺς μὲν φίλους ἐπεῖδον δι' ἐμοῦ εὐδαίμονας γενομένους, τοὺς δὲ πολεμίους ὑπ' ἐμοῦ δουλωθέντας. νῦν δ' ἢν τελευτήσω, καταλείπω μὲν ὑμᾶς, ὦ παῖδες, ζῶντας οὕσπερ ἔδοσάν μοι οἱ θεοὶ γενέσθαι· καταλείπω δὲ πατρίδα καὶ φίλους εὐδαιμονοῦντας· ὥστε πῶς οὐκ ἂν ἐγὼ δικαίως μακαριζόμενος τὸν ἀεὶ χρόνον μνήμης τυγχάνοιμι ;

II. GRAMMAR.

1. Give the gen. sing. and dat. plur. of *βοῦς, μάρτυς, ναῦς, ὕδωρ, πῆχυς, μήτηρ, θρίξ, λέων*, and the acc. plur. in all genders of *πρᾶος, σῶς, πολύς, μέγας*.

2. Give the superlative degree of *κενός, πέπων, πικρός, ἁπλοῦς, πολύς, ἴσος, γλυκύς, σοφῶς, ὀψέ, μάλα, καλῶς, χαριέντως*.

3. Give the gen. dual and plural of *σύ, ὁ αὐτός, ἐμαυτοῦ*.

4. Give the first person singular of the future active, perfect active, perfect middle or passive, and aorists active, where existing, of—*πάσχω, λαμβάνω, δέχομαι, εὑρίσκω, γίγνομαι, ἁμαρτάνω, κλέπτω, τέμνω, φαίνω, κρίνω*.

5. Give the infinitive of the perf. pass. of *φράζω, κόπτω, ἀγγέλλω, τρέπω, φαίνω* ; the 3rd plur. of *ἵστην, ἔστην, ἐτίθην, ἐτέθην* ; the 3rd sing. pres. conj. active and middle of *πειράω, φιλέω, δουλόω* (contracted forms) ; the 3rd sing. imperf. indic. of *ἐάω, ἐπίσταμαι, ὠνέομαι, μέλλω, χρή*.

6. What prepositions govern three cases? Give the Greek for *twelfth, nine times, one-third, there, thence, thither*.

III. SENTENCES.

1. May the gods give peace to the city !
2. Those who fear to do injustice should be honoured.
3. Do not injure even a slave who has done no wrong.
4. The farmer sows that he may reap (*θερίζειν*).
5. If he had not fled, he would have been put to death.

HIGHER GREEK.

Wednesday, 30th March, 1898.

FIRST PAPER—9 TO 11 A.M.

1. Translate :—

Τῆς δὲ νυκτὸς τῷ Νικιᾳ καὶ Δημοσθένει ἐδόκει (ἐπειδὴ κακῶς σφίσι τὸ στράτευμα εἶχε τῶν ἐπιτηδείων πάντων ἀπορίᾳ ἤδη καὶ κατατετραυματισμένοι ἦσαν πολλοὶ ἐν πολλαῖς προσβολαῖς τῶν πολεμίων γεγενημέναις) πύρα καύσαντες ὡς πλεῖστα ἀπάγειν τὴν στρατιάν, μηκέτι τὴν αὐτὴν ὁδὸν ᾗ διενοήθησαν, ἀλλὰ τοὐναντίον ἢ οἱ Συρακόσιοι ἐτήρουν, πρὸς τὴν θάλασσαν. ἦν δὲ ἡ ξύμπασα ὁδὸς αὕτη οὐκ ἐπὶ Κατάνης τῷ στρατεύματι, ἀλλὰ κατὰ τὸ ἕτερον μέρος τῆς Σικελίας τὸ πρὸς Καμάριναν καὶ Γέλαν καὶ τὰς ταύτῃ πόλεις καὶ Ἑλληνίδας καὶ βαρβάρους. καύσαντες οὖν πυρὰ πολλὰ ἐχώρουν ἐν τῇ νυκτί. καὶ αὐτοῖς, οἷον φιλεῖ καὶ πᾶσι στρατοπέδοις, μάλιστα δὲ τοῖς μεγίστοις, φόβοι καὶ δείματα ἐγγίγνεσθαι, ἄλλως τε καὶ ἐν νυκτί τε καὶ διὰ πολεμίας καὶ πολεμίων οὐ πολὺ ἀπεχόντων ἰοῦσιν, ἐμπίπτει ταραχή.

2. Translate ONE of the following passages :—

(*a*) (*Heracles will not give way to despair even after the murder of his children.*)

Τὰς συμφορὰς γὰρ ὅστις οὐκ ἐπίσταται
θνητὸς πεφυκὼς ὃν τρόπον χρεὼν φέρειν,
οὐδ᾽ ἀνδρὸς ἂν δύναιθ᾽ ὑποστῆναι βέλος.
ἐγκαρτερήσω θάνατον· εἶμι δ᾽ ἐς πόλιν
τὴν σήν, χάριν τε μυρίων δώρων ἔχω.
ἀτὰρ πόνων δὴ μυρίων ἐγευσάμην·
ὧν οὔτ᾽ ἀπεῖπον οὐδὲν οὔτ᾽ ἀπ᾽ ὀμμάτων
ἔσταξα[1] πηγάς, οὐδ᾽ ἂν ᾠόμην ποτὲ
εἰς τοῦθ᾽ ἱκέσθαι, δάκρυ᾽ ἀπ᾽ ὀμμάτων βαλεῖν
νῦν δ᾽, ὡς ἔοικε, τῇ τύχῃ δουλευτέον.
εἶεν· γεραιέ, τὰς ἐμὰς φυγὰς ὁρᾷς,
ὁρᾷς δὲ παίδων ὄντα μ᾽ αὐθέντην[2] ἐμῶν.
δὸς τούσδε τύμβῳ καὶ περίστειλον νεκροὺς
δακρύοισι τιμῶν, ἐμὲ γὰρ οὐκ ἐᾷ νόμος,
πρὸς στέρν᾽ ἐρείσας μητρὶ δούς τ᾽ ἐς ἀγκάλας,[3]
κοινωνίαν[4] δύστηνον, ἣν ἐγὼ τάλας
διώλεσ᾽ ἄκων. γῇ δ᾽ ἐπὴν κρύψῃς νεκρούς,
οἴκει πόλιν τήνδ᾽, ἀθλίως μέν, ἀλλ᾽ ὅμως
ψυχὴν βιάζου τἀμὰ συμφέρειν κακά.

[1] *στάζειν*, 'let drop.'

[2] *αὐθέντης*, 'murderer.'

[3] ἀγκάλη, 'the arm.'

[4] *κοινωνία*, 'common offspring.'

(*b*) Τὸν δ᾽ ἄρα Φαίηκες ναυσικλυτοὶ οὐκ ἐνόησαν
ἐρχόμενον κατὰ ἄστυ διὰ σφέας· οὐ γὰρ Ἀθήνη
εἴα ἐϋπλόκαμος, δεινὴ θεός, ἥ ῥά οἱ ἀχλὺν
θεσπεσίην κατέχευε φίλα φρονέουσ᾽ ἐνὶ θυμῷ.
θαύμαζεν δ᾽ Ὀδυσεὺς λιμένας καὶ νῆας ἐΐσας
αὐτῶν θ᾽ ἡρώων ἀγορὰς καὶ τείχεα μακρὰ
ὑψηλά, σκολόπεσσιν[1] ἀρηρότα, θαῦμα ἰδέσθαι.
ἀλλ᾽ ὅτε δὴ βασιλῆος ἀγακλυτὰ δώμαθ᾽ ἵκοντο,
τοῖσι δὲ μύθων ἦρχε θεὰ γλαυκῶπις Ἀθήνη·
"οὗτος δή τοι, ξεῖνε πάτερ, δόμος, ὅν με κελεύεις
πεφραδέμεν· δήεις[2] δὲ διοτρεφέας βασιλῆας
δαίτην δαινυμένους· σὺ δ᾽ ἔσω κίε, μηδέ τι θυμῷ
τάρβει· θαρσαλέος γὰρ ἀνὴρ ἐν πᾶσιν ἀμείνων
ἔργοισιν τελέθει, εἰ καί ποθεν ἄλλοθεν ἔλθοι."

[1] σκολόπεσσιν, 'palisades.'

[2] δήεις, 'thou shalt find.'

SECOND PAPER—12 NOON TO 2 P.M.

I. SENTENCES.

Translate into Greek :—

1. If I had known by whom these things were done, I should not have believed you.

2. He says he will not have the boy taught anything but what he himself learnt in his boyhood.

3. They are too young to know what fathers they have been deprived of.

4. In the time of Darius, he perished of disease, while journeying towards Athens.

5. We say that one ought to exercise not only the minds but also the bodies of the younger citizens.

6. Theramenes and his fellow-ambassadors brought back these tidings to Athens. And, as they were coming in, a great mob poured round them, fearing they were returning without accomplishing their object.

II. GRAMMAR.

1. Give the first person singular of the Future Active, Perfect Active, Perfect Middle or Passive, and Aorists Active and Passive, where existing, of ἀπόλλυμι, φθείρω, φαίνω, τρέφω, ἀφίστημι, ἀναμιμνήσκω, ἀνοίγνυμι, αἱρῶ, φέρω.

2. Distinguish οἶκοι, οἴκοι ; ἀπιέναι, ἀπεῖναι, ἀφιέναι ; δῆσαι, δεῆσαι, δεῖσαι.

3. Distinguish by meaning, αἰτεῖσθαι, αἰτιᾶσθαι ; ὁρμᾶν, ὁρμεῖν, ὁρμίζειν ; μισθοῦν, μισθοῦσθαι ; ἔφυσα, ἔφυν ; ὃς οὐ ποιεῖ ταῦτα, ὃς μὴ ποιεῖ ταῦτα.

4. Translate and explain the Syntax of (α) σιγή ποτ᾽ ἐστὶν αἱρετωτέρα λόγου. (β) ἤρετο ὅποι φέροι ἡ ὁδός. (γ) ὁ Ἀλέξανδρος ἔφασκεν εἶναι Διὸς υἱός. (δ) ὠφελητέα σοι ἡ πόλις ἐστι. (ε) Give any other way of writing this last sentence (δ).

5. Frame sentences to illustrate the construction of πρίν; and others to show the meanings of παρά with its various cases.

LOWER MATHEMATICS.

Monday, 28th March, 1898—2 TO 5 P.M.

(*Candidates may obtain full marks by doing about two-thirds of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.*)

A.

1. Express £·04 + ·205s. as a decimal of £2 10s.

2. Simplify $\dfrac{2{\cdot}3075 + {\cdot}0825}{1 - {\cdot}984}$.

3. The cost of making a road 500 yards long at 1s. 1½d. per square yard is £375. Find the width of the road.

4. A man bought 374 oranges at two a penny, and some others at three a penny. If he paid altogether £1 9s. 11d., how many did he buy at three a penny?

5. What sum of money, if laid out for two years at 5 per cent. simple interest will amount to £413 14s. 9d.?

6. If from any number such as 6845 any other number having the same digits, such as 4865, be subtracted, the remainder will be exactly divisible by 9. Explain this.

B.

7. Subtract the sum of $\frac{a}{2} - \frac{b}{3} + \frac{c}{4}$ and $\frac{c}{2} + b - \frac{3a}{4}$ from $c - \frac{2b}{3} + \frac{a}{4}$.

8. Find the remainder when $x^3 + px^2 + qx + r$ is divided by $x - a$.

9. Prove in the case when m and n are positive integers that

$$a^m \times a^n = a^{m+n}, \text{ and simplify } \frac{27a^{m+p}b^{n-q}}{81a^m b^n}.$$

10. Resolve into factors: (i.) $9x^2 - 4y^2$.
(ii.) $x^2 + ax - bx - ab$.
(iii.) $18x^2 + 27x - 35$.

11. Find the G.C.M. and L.C.M. of $x^2 - 4$, $x^3 - 8$, and $x^2 - 4x + 4$.

12. Solve (i.) $a(x - a) + b(2x - 3a) = 2b^2$.

(ii.) $\frac{x}{15} + \frac{y}{12} = \frac{x}{3} - \frac{y}{4} = 1$.

(iii.) $2x(x - 5) = 12$.

13. A person drives from A to B at the rate of 8 miles an hour: he returns by a road 3 miles longer at the rate of 9 miles an hour, and takes $7\frac{1}{2}$ minutes longer on the way. Find the lengths of the roads.

C.

14. Straight lines, which join the extremities of equal and parallel straight lines towards the same parts, are themselves equal and parallel.

The straight lines, which join transversely the extremities of two equal and parallel straight lines, bisect each other.

15. If a straight line AB be divided equally at C and unequally at D, prove that $AD \cdot DB = BC^2 - CD^2$.

The difference of the sides of a triangle is less than the difference of the segments of the base made by the perpendicular from the vertex.

16. Every chord of a circle lies wholly within it.

A straight line cannot cut a circle in more than two points.

17. In equal circles equal angles at the centres or at the circumferences stand upon equal arcs.

$ABCD$ is a semicircle whose diameter is AD: the chord BC produced meets AD produced at E; prove that if CE is equal to the radius, the arc AB is equal to three times the arc CD.

INTERMEDIATE AND HIGHER MATHEMATICS.

Thursday, 31*st March*, 1898.

FIRST PAPER—9 TO 11 A.M.

(*Candidates may obtain full marks by doing correctly about two-thirds of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.*

The pass mark for Intermediate Candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the Intermediate Standard; but such Candidates will receive credit for any question they may answer.)

A.

1. A vulgar fraction is in its lowest terms. How can it be determined from the nature of the denominator whether the fraction will reduce to a terminating or a circulating decimal; and, in the case of the latter, what is the highest possible number of figures in the circulating period?

2. The population of a town increases every year by 2 per cent. of the population at the beginning of the year. What was the population on 1st January, 1895, if the population on 1st January, 1898, was 132,651?

3. If $2s = a + b + c$, prove that $1 - \dfrac{a^2 + b^2 - c^2}{2ab} = 2\left(\dfrac{s}{b} - 1\right)\left(\dfrac{s}{a} - 1\right)$.

4. Express as a single fraction at its lowest terms

$$\frac{a^2 - (b+c)^2}{(a+b)^2 - c^2} + \frac{b^2 - (c+a)^2}{(b-c)^2 - a^2} + \frac{c^2 - (a-b)^2}{(c-a)^2 - b^2}.$$

5. Solve (i.) $\dfrac{1}{a+b+x} = \dfrac{1}{a} + \dfrac{1}{b} + \dfrac{1}{x}$.

(ii.) $\left.\begin{array}{l} x^2 - 9y^2 = 64 \\ xy + 3y^2 = 32 \end{array}\right\}$.

6. I spend £6 in buying copies of a certain book; if I were allowed half-a-crown discount off each copy, I should get four copies more. What is the price of each copy?

7. If x be a real quantity, prove that the expression $\dfrac{x^2+2x-11}{2(x-3)}$ can have all numerical values except such as lie between 2 and 6.

8. Prove that when several fractions are equal, each of them is equal to the sum of all the numerators divided by the sum of all the denominators, provided each of these sums differs from zero.

If $\dfrac{x}{b-c} = \dfrac{y}{c-a} = \dfrac{z}{a-b}$, show that each fraction equals

$$\frac{(x+y)+(y+z)}{c-a}.$$

B.

9. The sum of the squares on the two sides of a triangle is double the sum of the squares on half the base and on the median to the base.

If the medians of a triangle ABC meet in O, prove

$$AB^2 + BC^2 + CA^2 = 3(OA^2 + OB^2 + OC^2).$$

10. Show that the lines drawn from a point outside a circle to touch the circle are equal.

Show that the hypotenuse of a right-angled triangle, together with the diameter of the inscribed circle, equals the sum of the sides containing the right angle.

11. The triangles, into which a right-angled triangle is divided by the perpendicular from the right angle on the hypotenuse, are similar to the whole triangle and to one another.

If the sides of a right-angled triangle be 3, 4, and 5 inches in length, find the length of the perpendicular from the right angle on the hypotenuse.

12. If two intersecting planes be each perpendicular to a third plane, their common section shall be perpendicular to that plane.

If a trihedral angle O be formed by three right angles, and A, B, and C be points on the edges, the orthocentre of the triangle ABC is the foot of the perpendicular from O on the plane ABC.

C.

13. One angle of a triangle is $45°$ and another is $1\frac{1}{2}$ radians. Express the third angle in radians.

14. Express the other trigonometrical ratios of an angle in terms of the cosecant.

15. Prove $(\sin A + \cos A)(\tan A + \cot A) = \sec A + \operatorname{cosec} A$.

16. Show that in any triangle the sides are proportional to the sines of the opposite angles.

17. Find the sine of the smallest angle of the triangle whose sides are 193, 194, and 195 feet.

SECOND PAPER—12 NOON TO 2 P.M.

(Candidates may obtain full marks by doing correctly about two-thirds of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.

The pass mark for Intermediate Candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the Intermediate Standard; but such Candidates will receive credit for any question they may answer.)

A.

1. *A* starts business with a certain capital, and five months later he is joined by *B* with one-third as much, and four months later they admit *C*, who brings a capital equal to one-sixth of that already subscribed. At the end of the year they divide £1200. How much will fall to the share of each?

2. Express as a single rational fraction in its lowest terms

$$\frac{1}{(x-1)^2}+\frac{1}{x-1}-\frac{1}{x+1}+\frac{1}{(x+1)^2}.$$

3. Find the remainder after dividing x^n+a^n by $x+a$, n being a positive integer.

What is the relation between a and b when x^4+bx^2+ax+b is divisible without remainder by x^2+x+1?

4. If α and β are the roots of the quadratic $ax^2+bx+c=0$, prove that $\alpha+\beta=-b/a$ and $\alpha\beta=c/a$.

5. Using the notation of question 4, show that the equation whose roots are $\alpha(1-\beta)$ and $\beta(1-\alpha)$ is $a^2x^2+ax(b+2c)+c(a+b+c)=0$.

6. Solve the equations $x^3+y^3=35$, $x+y=5$.

7. If $\frac{1}{x}+\frac{1}{y}+\frac{1}{z}=0$, prove that $(x+y+z)^3=x^3+y^3+z^3-3xyz$.

8. Define *ratio*, *proportion*, and prove that if $a:b::c:d$, then $ad=bc$. Prove also that $a:a-c::b:b-d$.

B.

9. The sum of two opposite angles of a quadrilateral inscribed in a circle is equal to two right angles.

If a hexagon be inscribed in a circle, the sum of any three alternate angles is equal to four right angles.

10. In a circle inscribe a triangle which shall have its angles equal to those of a given triangle.

Show how to arrange the construction that the sides of the triangle may be made parallel to those of the given triangle.

11. If a straight line be drawn parallel to one side of a triangle it shall cut the other sides proportionally.

If in the base BC of an equilateral triangle a point D be taken and AD joined, if also CE be drawn parallel to AB to meet AD produced in E, prove $AE : AD = CE : CD$.

12. On a given straight line describe a rectilineal figure which shall be similar to a given rectilineal figure.

If the homologous sides of two similar triangles be parallel, prove that the lines joining the corresponding vertices intersect in a point.

C.

13. Find, by any means, the values of $\tan 45^\circ$, $\sin 30^\circ$, $\sec 60^\circ$.

14. Prove that $1 + 2\sec^2 A \tan^2 A = \sec^4 A + \tan^4 A$, and

$$\cot A - \tan A = 2 \cot 2A.$$

15. Given $\cos\theta = \tan\theta$, find the value of any one of the trigonometrical functions of θ.

16. $ABCD$ is a rectangle, AL is perpendicular to BD and LN perpendicular to BC, prove that $\tan BAN = \sin\alpha\cos\alpha$, where α is the angle ABD.

FRENCH.

Tuesday, 29*th March*, 1898.

FIRST PAPER—3 TO 4.30 P.M.

Translate into French :—

I. Ariosto tells a pretty story of a fairy, who, by some mysterious law of her nature, was condemned to appear at certain seasons in the form of a poisonous snake. Those who injured her during the period of her disguise were for ever excluded from participation in the blessings which she bestowed. But to those who, in spite of her loathsome aspect, pitied and protected her, she afterwards revealed herself in the beautiful and celestial form which was natural to her, accompanied their steps, granted all their wishes, filled their houses with wealth, made them happy in love and victorious in war. Such a spirit is Liberty. At times she takes the form of a hateful reptile. She grovels, she hisses, she stings. But woe to those who in disgust shall venture to crush her. And happy are those who, having dared to receive her in her degraded and frightful shape, shall at length be rewarded by her in the time of her beauty.—MACAULAY.

II. 1. I am sorry not to have found you at home.
2. Let us hope that he will not change his mind.
3. There is no reason for you to be afraid.
4. He hastily made towards the door.
5. Wait for me a moment, please.

Thursday, 31*st* March, 1898.

SECOND PAPER—3 TO 5 P.M.

I. Translate into English :—

1. Il y avait à Glasgow un théâtre où l'on jouait les pièces de Shakespeare. Dire comment on les jouait, est difficile, mais on peut assurer

que ç'eût été un spectacle curieux pour un dandy de Londres, si l'on songe que les trois quarts au moins de la population de Glasgow parlaient encore l'écossais et que la moitié des acteurs étaient des montagnards. C'était l'enfance de l'art, dans le temps même oú Garrick le portait au plus haut degré en Angleterre. Cependant dans la troupe il se trouvait un acteur qu'eût envié Londres même, si Londres eût pu lui apprendre à se défaire de son accent écossais : un beau jeune homme de vingt-cinq ans, grand, bien fait, d'une figure noble et gracieuse en même temps, dont tous les mouvements, toutes les poses, avaient cette souplesse majestueuse et fière particulière aux montagnards. Il se nommait MacGrégor, et on racontait des traits de sa jeunesse qui prouvaient son courage et son intrépidité.—M. AYCARD.

2. Oh ! combien de marins, combien de capitaines,
Qui sont partis joyeux pour des courses lointaines,
Dans ce morne horizon se sont évanouis !
Combien ont disparu, dure et triste fortune,
Dans une mer sans fond par une nuit sans lune,
Sous l'aveugle océan à jamais enfouis !

Combien de patrons morts avec leurs équipages !
L'ouragan de leur vie a pris toutes les pages
Et d'un souffle il a tout dispersé sur les flots.
Nul ne saura leur fin dans l'abîme plongée.
Chaque vague, en passant, d'un butin s'est chargée ;
L'une a saisi l'esquif, l'autre les matelots.

Nul ne sait votre sort, pauvres têtes perdues !
Vous roulez à travers les sombres étendues,
Heurtant de vos fronts morts des écueils inconnus.
Oh ! que de vieux parents, qui n'avaient plus qu'un rêve,
Sont morts, en attendant tous les jours sur la grève
Ceux qui ne sont pas revenus.—V. HUGO.

II. GRAMMAR.

1. Give the plural of the following compound words : Demi-dieu, Nouveau-né, Sourd-muet, Bleu-clair, Court-vêtu.

2. Translate the two following sentences, and explain the difference of construction : I made him sing. I made him sing that song.

3. Write the following sentences with the negative *ne ... pas* added to the principal verb; and give rules for the changes that must take place in the following clause :

(*a*) Je suis certain qu'il le fera.
(*b*) Je crains qu'il ne réponde trop tard.
(*c*) Je doute qu'il vienne.

4. Give the rule for agreement of past participles in reflexive verbs. Add examples.

III. PHILOLOGY AND LITERATURE.

(*Only* ONE *question to be attempted.*)

1. Account for the double gender of the words : *Voile*, *Livre*, *Somme*, *Tour*.

2. Derive from French elements the words: *vaurien, malgré, naguère, néanmoins, colporter, gendarme.*

3. Give the names of the authors of *ten* of the following works: Corinne, Les feuilles d'automne, Le Génie du Christianisme, Histoire du Consulat et de l'Empire, René, De l'Allemagne, Le Père Goriot, Le Roi des montagnes, Consuelo, Les Harmonies poétiques et religieuses, Hernani, La petite Fadette, Colomba, Eugénie Grandet, Histoire de la Révolution d'Angleterre.

4. Give a summary of any one of the above works that *you have read.*

5. What do you know about Michelet's life and works?

GERMAN.

Wednesday, 30th March, 1898.

FIRST PAPER—3 TO 4.30 P.M.

(*Candidates may use either English or German Script.*)

Translate into German:—

(*a*) At length he reached the mountains of Strathglass and was compelled to hide himself in a cavern where seven robbers had taken up their abode. These men readily afforded refuge to the wanderer, and recognizing the Prince, for whom they had repeatedly ventured their lives, they vowed unalterable devotion to his cause. With these men Charles Edward remained for about three weeks, and it was with the utmost difficulty they would permit him to leave them. "Stay with us," said the generous robbers; "the mountains of gold which the Government have set upon your head may induce some gentleman to betray you, for he can go to a distant country and live on the price of his dishonour; but to us there exists no temptation. We can speak no language but our own—we can live nowhere but in this country, where, were we to injure a hair of your head, the very mountains would fall down to crush us to death."

(*b*) 1. He thought the best thing would be to say no more about it.

2. When he was asked if he had followed the advice that had been given to him, he said he had not.

3. He said he had not seen me coming.

4. Whatever his opinion may be, I am sure it is worth discussing.

5. I am looking forward to meeting you soon again.

Friday, 1st April, 1898.

SECOND PAPER—9 TO 11 A.M.

1. Translate into English:—

(*a*) Es war im Sommer des Jahres 1826, als ich mit einem Freunde in der ſchönen Bucht von Capri landete. Ich hörte das

Meer um alle jene wunderbar geſtalteten Felſen rauſchen, die ſchon von Neapel aus meinen Sinn zauberiſch gefangen genommen. Mit ihren Felſen und Höhlen und hängenden Gärten und alten Trümmern und neuen Städten und Felſentreppen war mir die Inſel ſchon von fern als eine beſondere Welt erſchienen, erfüllt von Wundern und umſchwebt von grauenvollen und lieblichen Sagen, und nun da meine Zeit nicht eng beſchränkt war, durfte ich hoffen, dieſe Welt in allen ihren Grenzen durchforſchen zu können. Der Strand erfüllte ſich bei unſerer Ankunft mit Männern und Jünglingen, Weibern und Mädchen, die wohl imſtande waren, an die alte, ſchöne, griechiſche Bevölkerung des Eilands zu erinnern. Ein munterer Burſche ergriff unſer weniges Gepäck, und langſam folgten wir dem Zuge nach der Stadt. Der Knabe führte uns in das Gaſthaus des Don Papago. Unſer Wirt ſtellte ſich mir zugleich als den Richter des Ortes vor, und ich war ſehr erfreut in ihm einen unterrichteten Mann und in ſeiner Bibliothek mehrere Bücher, lateiniſche und italieniſche, zu finden, die teilweiſe von Capri handelten. KOPISCH.

(*b*) Ein ſanfter Morgenwind durchzieht
Des Forſtes grüne Hallen,
Hell wirbelt der Vögel muntres Lied,
Die jungen Birken wallen.

Das Eichhorn ſchwingt ſich von Baum zu Baum,
Das Reh durchſchlüpft die Büſche,
Viel hundert Käfer im ſchattigen Raum
Erfreu'n ſich der Morgenfriſche.

Und wie ich ſo ſchreit' in dem luſtigen Wald,
Und alle Bäum' erklingen,
Und um mich her Alles ſingt und ſchallt,
Wie ſoll ich allein nicht ſingen?

Ich ſinge mit ſtarkem, freudigem Laut
Dem, der die Wälder ſäet,
Der droben die luftige Kuppel gebaut
Und Wärm' und Kühlung wehet.

EBERT.

II. GRAMMAR.

1. State briefly the difference between (*a*) *wissen* and *kennen* (English, 'to know'); (*b*) *sondern* and *aber* (English, 'but'); (*c*) *als*, *wenn* and *wann* (English, 'when'); (*d*) *die Ehemänner*, *die Eheleute*; (*e*) *der Busch* and *das Gebüsch*. Form short sentences to illustrate the difference in the first three cases.

2. State (*a*) the cases governed by the following prepositions, verbs and adjectives: *wegen*, *nach*, *gehorchen*, *folgen*, *müde*; (*b*) state the prepositions required after the following verbs and adjectives: *zielen*, *sich freuen*, *denken*, *zufrieden*, *begierig*; (*c*) form short sentences illustrating the use of these prepositions, verbs, and adjectives.

3. Give the second person singular of the imperfect indicative, and the past participle of: *abziehen*, *rathschlagen*, *sich durchhauen*, *erbitten*, *beten*.

4. Translate into German: Nothing good; many a brave soldier (*in two ways*); what are you talking of? on my account.

III. PHILOLOGY AND LITERATURE.

Only ONE *question to be attempted.*

1. Explain philologically: (*a*) the two different stem-vowels in *ich ward*, *wir wurden*; *ich darf*, *wir dürfen*; (*b*) the inflected singular of *Erde* in "*im Himmel und auf Erden.*"

2. (*a*) Give derivation and meaning of any five of the following words: *Geschichte*, *höflich*, *Bucht*, *Verdacht*, *Gruft*, *innig*, *Mädchen*.

(*b*) Form one substantive from each of any five of the following verbs, and give the meaning of the derivative: *Fliessen*, *treten*, *schliessen*, *gehen*, *fliehen*, *binden*, *geben*. (NOTE.—The infinitive as subject will not be accepted, nor will words formed with the prefix *ge-* or the suffix *-er*.)

3. (*a*) August Wilhelm von Schlegel as literary critic and translator: write a short note on him.

(*b*) Give the titles of four of Uhland's ballads, and describe one of them.

4. Heine's position with regard to the romantic school: what were the tendencies of this school? Characterize Heine's lyric poetry, and give some illustrations.

DYNAMICS.

Friday, 1*st April*, 1898.—1 TO 4 P.M.

(*Candidates may obtain full marks by doing about two-thirds of this paper.*)

1. Show how to represent geometrically (1) a velocity; (2) the resultant of two or more velocities.

Two railway engines *A* and *B* are moving on lines which intersect at right angles, with velocities of 30 and 40 miles per hour respectively; when *A* passes the crossing, *B* is 1200 yards away, and is moving towards it: find where *A* will be when *B* crosses.

2. Define *relative velocity*, and show how to determine the relative velocity of two points which are moving in given straight lines with given velocities.

Two persons start simultaneously from the angle A of a grass plot ABC in the form of an equilateral triangle to walk round it in opposite directions with equal velocities; prove that, at the moment when they pass the angles B and C, the relative velocity is doubled in magnitude and reversed in direction.

3. A body moves from rest with uniform acceleration f; prove the formula connecting the velocity acquired and space described, namely, $v^2 = 2fs$.

A cannon ball is projected with a muzzle velocity of 1200 feet per sec., the length of the gun traversed by the shot being 10 feet, and the force exerted by the gas uniform: find the time of motion in the gun.

4. Explain why the velocity produced by a given force acting on a given body is proportional to the time of action.

What is the force in lbs. weight which acts on the ball in question 3, the mass of the ball being 50 lbs.?

5. What is the precise meaning of the symbol g in dynamics? Describe any way of determining its value.

Taking a pound to be equal to 450 grammes, a foot to be 30 centimetres and $g = 32$ feet per second per second, how many dynes are there in the weight of a grain?

6. State the Third Law of Motion, and give an illustration of it.

A body moving with velocity u explodes into two parts, one of which is reduced by the explosion to rest while the other moves on with velocity $3u$, compare the masses of the two parts.

7. State the Second Law of Motion, and deduce the parallelogram of forces.

If two equal forces have a resultant R when acting at an angle A, and a resultant S when acting at an angle $180^\circ - A$, prove that the forces are each equal to $\frac{1}{2}\sqrt{R^2 + S^2}$.

8. Find the resultant of two similarly directed parallel forces in magnitude, direction, and position.

A force of 2 units acts through the angle A of a parallelogram $ABCD$, and an oppositely directed parallel force of 1 unit through the angle B: what parallel force must act through C, that the resultant may act at a point in AD?

9. If a body be maintained in equilibrium by 3 forces in one plane, prove that their directions must pass through a point.

A uniform sphere of weight W and radius r rests against a smooth vertical wall, being supported by a string of length r attached to a point on the sphere and to a point on the wall: prove that the tension in the string is $\frac{2W}{\sqrt{3}}$.

10. When is a balance untrue? How can an untrue balance be used to find the true weight?

A body appears to weigh 20 grms. when placed in one scalepan of a balance, and 21 grms. when placed in the other : what is the true weight of a body which appears to weigh 10 grms. when placed in the first scalepan ?

11. State the laws of friction.

If a body weighing 10 lbs. rest on a rough plane inclined at 30° to the horizon ; show that if the coefficient of friction be $\frac{1}{\sqrt{3}}$, a force of 10 lbs. parallel to the plane will be required to drag the body up the plane.

12. State the hydrostatical principles employed in the construction of Bramah's Press.

Upon what does the mechanical advantage of the press depend ?

13. A vessel of any shape containing water has a horizontal base : find an expression for the total pressure on the base.

A hydrostatic bellows has a vertical tube inserted through the top, and water is poured into it ; if the water stand 2 feet in the tube when a man whose weight is 150 lbs. is supported on the top of the bellows, what is the size of the latter ?

[A cubic foot of water weighs 1000 ounces.]

14. How could the specific gravity of treacle be found ?

Explain the advantage of the particular method adopted.

15. Describe any form of barometer, stating the purpose for which the instrument is used.

An air bubble has got into the top of a siphon barometer, which makes the difference of level 30·4, when a true barometer reads 30·5, the space occupied by the air being then 1 inch of the tube ; what will be the true reading when the air occupies 1·5 inches, both limbs of the tube having the same section ?

II. FOR THE DEGREE OF M.A.

I. FOR ORDINARY DEGREE.

A. *DEPARTMENT OF LANGUAGE AND LITERATURE.*

LATIN TRANSLATION—Two Hours.

1. Translate the following passages :—

    (*a*) Virg. *Aen.* VII. 805—817.
    (*b*) Hor. *C.* III. 24. 51—64.
    (*c*) *Either* Hor. *Ep.* I. 8. 1—10.
    Or Hor. *Ep.* II. 2. 120—128.
    (*d*) Tac. *Ann.* I. 77.

2. Translate, with notes :—

    (*a*) Instituuntque dapes, et adorea liba per herbam
    subiiciunt epulis (sic Iuppiter ipse monebat),
    et Cereale solum pomis agrestibus augent.

(*b*) Iam te premet nox fabulaeque Manes
Et domus exilis Plutonia : quo simul mearis,
Nec regna vini sortiere talis.

Either (1)

(*c*) Hic, ubi nequitiae fautoribus et timidis nil
Aut paullum abstulerat, patinas coenabat omasi,
Vilis et agninae, tribus ursis quod satis esset;
Scilicet ut ventres lamna candente nepotum
Diceret urendos, corrector Bestius.

Or (2)

Sit ius liceatque perire poetis ;
Invitum qui servat, idem facit occidenti.
Nec semel hoc fecit ; nec, si retractus erit, iam
Fiet homo et ponet famosae mortis amorem.

(*d*) Non centurionem ad tutelam, non militem, nihil imperatoriae uxoris aut comitatus soliti—pergere ad Treviros et externae fidei.

LATIN PROSE—TWO HOURS.

Translate into Latin :—

Courage and inflexible constancy formed the basis of this monarch's character. In his tenderest years he gave instances of both. When he was scarcely seven years old, being at dinner with the queen his mother, intending to give a bit of bread to a great dog he was fond of, this hungry animal snapt too greedily at the morsel, and bit his hand in a terrible manner. The wound bled copiously, but our young hero, without offering to cry, or taking the least notice of his misfortune, endeavoured to conceal what had happened, lest his dog should be brought into trouble, and wrapt his bloody hand in the napkin. The queen, perceiving that he did not eat, asked him the reason. He contented himself with replying that he thanked her, but that he was not hungry. They thought he was taken ill, and so repeated their solicitations : but all was in vain, though the poor child was already grown pale with the loss of blood. An officer who attended at table at last perceived it ; for Charles would sooner have died than betrayed his dog, which he knew intended no injury.

LATIN GENERAL PAPER—TWO HOURS.

A. UNPREPARED TRANSLATION.

C. Claudius, qui perosus decemvirorum scelera et ante omnes fratris filii superbiae infestus Regillum, antiquam in patriam, se contulerat, is magno iam natu cum ad pericula eius deprecanda redisset, cuius vitia fugerat, sordidatus cum gentilibus clientibusque in foro prensabat singulos orabatque, ne Claudiae genti eam inustam maculam vellent, ut carcere et vinculis viderentur digni.

B. Grammar.

1. Give examples of *zeugma*, of *oxymoron*, and of (so-called) *hypallage*. Discuss whether there really is such a figure as *hypallage*.

2. Give the different meanings of the following words according to the quantities of the syllables: *malis*, *acer*, *solum*, *pila*, *appetite*.

3. Translate in as many ways as you can:—

(*a*) It matters little whether he is poor or rich.
(*b*) Do not tell a lie.
(*c*) He said that the hostages would be sent.

C. Antiquities and History.

1. Describe the events of the fourth and fifth consulates of C. Marius.

2. Give some account of the life of Publius Clodius and of Decimus Brutus.

3. Write down what you know about Laberius and Publilius Syrus. Quote lines written by each.

4. Write historical notes on the following:—

(*a*) Occidit Daci Cotisonis agmen.

(*b*) Cantaber Agrippae, Claudi virtute Neronis
Armenius cecidit; ius imperiumque Phraates
Caesaris accepit genibus minor.

(*c*) Collegam Lepidum quo duxit Lollius anno.

(*d*) Et qui praetextas et qui docuere togatas.

GREEK TRANSLATION—Two Hours.

1. Translate ONE passage from each of the following sections:—

A. (*a*) Homer, *Il.* VI. 254—262.
(*b*) Homer, *Il.* IX. 502—512.
B. (*a*) Soph. *Oed. Tyr.* 1455—1466.
(*b*) Eur. *Bacch.* 88—104.
C. (*a*) Herod. III. 74.
(*b*) Herod. VI. 60.

2. Translate:—

Τῷ ὄντι γὰρ φήσουσι τὸν ἄδικον, ἅτε ἐπιτηδεύοντα πρᾶγμα ἀληθείας ἐχόμενον καὶ οὐ πρὸς δόξαν ζῶντα, οὐ δοκεῖν ἄδικον ἀλλ' εἶναι ἐθέλειν,

βαθεῖαν ἄλοκα διὰ φρενὸς καρπούμενον,
ἐξ ἧς τὰ κεδνὰ βλαστάνει βουλεύματα,

πρῶτον μὲν ἄρχειν ἐν τῇ πόλει δοκοῦντι δικαίῳ εἶναι, ἔπειτα γαμεῖν ὁπόθεν ἂν βούληται, ἐκδιδόναι εἰς οὓς ἂν βούληται, ξυμβάλλειν, κοινωνεῖν οἷς ἂν ἐθέλῃ, καὶ παρὰ ταῦτα πάντα ὠφελεῖσθαι κερδαίνοντα τῷ μὴ δυσχεραίνειν τὸ ἀδικεῖν.—Plato, *Rep.* II. chap. v. 362.

3. Translate, with notes, *four* of the following :—

(*a*) Πέμπε δέ μιν Λυκίηνδε, πόρεν δ᾽ ὅγε σήματα λυγρὰ,
γράψας ἐν πίνακι πτυκτῷ θυμοφθόρα πολλὰ,
δεῖξαι δ᾽ ἠνώγειν ᾧ πενθερῷ, ὄφρ᾽ ἀπόλοιτο.—Hom. *Il.*

(*b*) Τῷ σε χρὴ πέρι μὲν φάσθαι ἔπος ἠδ᾽ ἐπακοῦσαι,
κρηῆναι δὲ καὶ ἄλλῳ, ὅτ᾽ ἄν τινα θυμὸς ἀνώγῃ
εἰπεῖν εἰς ἀγαθόν· σέο δ᾽ ἕξεται ὅττι κεν ἄρχῃ.—Hom. *Il.*

(*c*) Κἀγὼ ᾽πακούσας ταῦτα τὴν Κορινθίαν
ἄστροις τὸ λοιπὸν ἐκμετρούμενος χθόνα
ἔφευγον.—Soph. *Oed. Tyr.*

(*d*) Λαβὼν γὰρ ἐλάτης οὐράνιον ἄκρον κλάδον
κατῆγεν, ἦγεν, ἦγεν ἐς μέλαν πέδον·
κυκλοῦτο δ᾽ ὥστε τόξον ἢ κυρτὸς τροχὸς
τόρνῳ γραφόμενος περιφορὰν ἕλκει δρόμον.—Eur. *Bacch.*

(*e*) Μετὰ δὲ ταῦτα, δεύτερα καταστάντες, ἄλλο μὲν εἶπον οὐδὲν, θύλακον δὲ φέροντες, ἔφασαν "τὸν θύλακον ἀλφίτων δέεσθαι." οἱ δέ σφι ὑπεκρίναντο, τῷ θυλάκῳ περιεργάσθαι.—Herod.

(*f*) Ὁ δὲ, ἀνάγων ἑκάστοτε ἐπὶ κέρας τὰς νέας, ὅκως τοῖσι ἐρέτῃσι χρήσαιτο, διέκπλοον ποιεύμενος τῇσι νηυσὶ δι᾽ ἀλληλέων, καὶ τοὺς ἐπιβάτας ὁπλίσειε, τὸ λοιπὸν τῆς ἡμέρης τὰς νέας ἔχεσκε ἐπ᾽ ἀγκυρέων.—Herod.

(*g*) Οἷον ὀξύν τέ που δεῖ αὐτοῖν ἑκάτερον εἶναι πρὸς αἴσθησιν καὶ ἐλαφρὸν πρὸς τὸ αἰσθανόμενον διωκάθειν, καὶ ἰσχυρὸν αὖ, ἐὰν δέῃ ἑλόντα διαμάχεσθαι.—Plato, *Rep.*

GREEK PROSE AND GRAMMAR—Two Hours.

A.

Translate into Greek :—

Soon after the battle of Chaeronea, Ctesiphon had proposed that Demosthenes should be presented with a golden crown in the theatre during the great Dionysiac festival, on account of the services he had conferred upon his country. For proposing this decree Aeschines indicted Ctesiphon ; but though the latter was the nominal defendant, it was Demosthenes who was really put upon his trial. The case has been immortalized by the memorable and still extant speeches of Aeschines *Against Ctesiphon*, and of Demosthenes *On the Crown*. Aeschines, who did not obtain a fifth part of the votes, and consequently became himself liable to a penalty, was so chagrined at his defeat that he retired to Rhodes.

B.

1. Give the Greek of the following, (*a*) in direct, (*b*) in indirect interrogation:—*Which of two? how many? of what sort? how old? at what time?*

2. (*a*) What is the rule about the quantity of -αι and -οι in accentuation? (*b*) What is the rule for the accentuation in the three voices of the following parts of the verb:—2nd aor. infin. and part.; perf. infin. and part.; 2nd aor. imperative?

3. Comment on the constructions of the following, translating each:—

(*a*) Θύρσον ἐκλελοιπότα
κισσῷ κομήτην αὖθις ἐξανέστεφον.

(*b*) Χὤπως μὲν ἐκ τῶν δ᾽ οὐκέτ᾽ οἶδ᾽ ἀπόλλυται.

(*c*) Σέβονται δὲ Ἀράβιοι πίστις ἀνθρώπων ὁμοῖα τοῖσι μάλιστα.

(*d*) Περιεκαθέατο πόλιν ἐξελεῖν βουλόμενοι.

GREEK GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Δεύτερος δὲ σοφίῃ ὅδε ἄλλος σφι νόμος κατεστήκεε. τοὺς κάμνοντας ἐς τὴν ἀγορὴν ἐκφορέουσι· οὐ γὰρ δὴ χρέωνται ἰητροῖσι. προσιόντες ὦν πρὸς τὸν κάμνοντα, συμβουλεύουσι περὶ τῆς νούσου, εἴ τις καὶ αὐτὸς τοιοῦτον ἔπαθε, ὁκοῖον ἔχει ὁ κάμνων, ἢ ἄλλον εἶδε παθόντα. ταῦτα προσιόντες συμβουλεύουσι, καὶ παραινέουσι ἅσσα αὐτὸς ποιήσας ἐξέφυγε ὁμοίην νοῦσον, ἢ ἄλλον εἶδε ἐκφυγόντα. σιγῇ δὲ παρεξελθεῖν τὸν κάμνοντα οὔ σφι ἔξεστι, πρὶν ἂν ἐπείρηται ἥντινα νοῦσον ἔχει.

B. Literature, History, and Antiquities.

1. Illustrate the evolution of an early Greek state by the history of the tyranny at Corinth.

Or, Draw a plan of Salamis.

2. Give an account of the Greek colonies in Africa.

Or, Describe the constitution of Athens at the outbreak of the Peloponnesian War.

3. 'You stitched this shoe, and Aristagoras only put it on.' Describe the events which led to this remark.

Or, Write a note for a Classical Dictionary on *Sphacteria*.

4. Write a note on the changes supposed to have been introduced by Euripides into the representation of a tragic drama.

Or, Discuss how far ancient representations of tragic scenes differed from modern.

ENGLISH LANGUAGE AND LITERATURE—THREE HOURS.

I. FOR STUDENTS OF SESSION 1896-97.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Questions* 7 *and* 17 *must be taken.*
Students who attended the English Class before Session 1893-94 *may substitute for the question from* B *a question from any other section, noting on the outside of their papers the year of their attendance.*)

A. COMPOSITION.

1. What is a barbarism? What are the main species of barbarism? Why is it inevitable that barbarisms should exist?

2. Discuss the advantages and disadvantages of an ornate style.

3. Describe and illustrate the effects produced by a tasteful use of simile and metaphor.

B. PHILOLOGY.

4. What is meant by the statement that the first consonant-shifting distinguishes the Teutonic languages from original Indo-European?

5. How did the English language of the sixth or seventh century differ most markedly from the English language of the nineteenth century?

6. 'Abyde ye heir, ye sal soyn se
V. hundreth yarnand you to sla,
And thai ar fele aganis twa.'

Identify the dialect of these lines, giving your reasons. Did this dialect ever become a literary language? What were the other main contemporary dialects?

C. IMAGINATIVE LITERATURE OF WORDSWORTH'S AGE.

7. (COMPULSORY QUESTION.) Give *brief* accounts of *six* of the following, with the authors' names and the approximate dates of composition: (*a*) *Michael*; (*b*) *On first looking into Chapman's Homer*; (*c*) *Ode to the West Wind*; (*d*) *Youth and Age*; (*e*) 'When we two parted'; (*f*) 'Proud Maisie is in the wood'; (*g*) 'A slumber did my spirit seal'; (*h*) *Epistle to Augusta.*

8. What are the main elements of strength, and what of weakness, in Byron's poetry?

9. How far would it be just to regard Scott as 'the last and greatest of the Border minstrels'?

10. Give some account of the plan of the *Lyrical Ballads.*

11. Write a critical account of *two* of the following: *Alastor*; *Lamia*; *The Prisoner of Chillon*; Wordsworth's sonnets 'dedicated to National Liberty and Independence.'

12. 'Wordsworth at his best rises higher than Coleridge, but he is less of a born poet.' Discuss this.

13. Both Jane Austen and Scott (in his novels) have been said to resemble Shakespeare. With what truth?

14. Compare Jane Austen and Scott in their drawing of humorous characters.

D. MACBETH.

15. 'It is the vein of imagination and poetry in Macbeth which makes him a poor, and at the same time an interesting, criminal.' Consider this statement.

16. One scene only in *Macbeth* partakes of comedy. Justify it.

17. (COMPULSORY QUESTION.) Write notes upon the following, showing your knowledge of the context: (*a*) 'metaphysical aid,' (*b*) 'a limbec only,' (*c*) 'our great quell,' (*d*) 'the ravell'd sleave of care,' (*e*) 'the perfect spy o' the time,' (*f*) 'But no more sights!' (*g*) 'bear-like, I must fight the course.'

E. SELECTIONS FROM THE 'SPECTATOR.'

18. 'The main interest of the *Spectator* to-day lies in the picture it gives of a past age.' Discuss this statement.

19. The character of Sir Roger de Coverley.

20. Describe *two* of the following papers: *Popular Superstitions, The Everlasting Club, Various Ways of managing a Debate, The Vision of Marraton.*

II. FOR STUDENTS OF SESSION 1897-98.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Question* 17 *must be taken.*

Students who attended the English Class before Session 1893-94 *may substitute for the question from* B *a question from any other section, noting on the outside of their papers the year of their attendance.*)

A. COMPOSITION.

1. What is a barbarism? What are the main species of barbarism? Why is it inevitable that barbarisms should exist?

2. Discuss the advantages and disadvantages of an ornate style.

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V. hundreth yarnand you to sla,
And thai ar fele aganis twa.'

Identify the dialect of these lines, giving your reasons. Did this dialect ever become a literary language? What were the other main contemporary dialects?

C. ELIZABETHAN DRAMA.

7. What services did Marlowe render to the English drama? Refer to the plays you have read.

8. Compare and contrast the blank verse of Shakespeare with that of Marlowe and that of Milton (in *Samson Agonistes*).

9. In what sense does Ben Jonson employ the term *Humour*? Give some account of the *Alchemist.*

10. Sketch the plot of *Much Ado about Nothing*, or of the *Duchess of Malfi*, or of *Philaster.*

11. Analyze any *two* of the following characters: Richard II., Jacques, Iago, Macbeth, Coriolanus.

12. How could you tell from internal evidence alone that the *Tempest* was a much later play than the *Two Gentlemen of Verona*?

13. Discuss any *two* of the following statements: (*a*) 'Hamlet is a changed man after the pirates bring him back to Denmark'; (*b*) 'Unlike Desdemona, who might be Venetian or English, Cordelia has the distinctively Anglo-Saxon character'; (*c*) 'Webster stirs our feelings, but he does not convince us that the issue of the action is inevitable.'

14. Describe *Samson Agonistes* briefly. How does the effect it produces differ from the effect of *King Lear*?

D. SELECTIONS FROM THE 'SPECTATOR.'

15. 'The main interest of the *Spectator* to-day lies in the picture it gives of a past age.' Discuss this statement.

16. Describe *two* of the following papers: *Popular Superstitions*, *The Everlasting Club*, *Various Ways of Managing a Debate*, *The Vision of Marraton.*

17. (COMPULSORY QUESTION.) Explain, with reference to the context:

(*a*) He was cut off in the flower of his age by the blow of a paring-shovel, having been surprised by an eminent citizen as he was tendering some civilities to his wife.

(*b*) Much might be said on both sides.

(*c*) These two creatures, it seems, are born with a secret antipathy to one another, and engage when they meet as naturally as the elephant and the rhinoceros.

(*d*) But as he has a great deal of the mother in his constitution, whatever mood he is in, he never fails to make the company laugh.

(*e*) I have seen a man in love grow pale and lose his appetite upon the plucking of a merry-thought.

(*f*) But this only proved a lightning before his death.

E. PALGRAVE'S GOLDEN TREASURY, BOOK IV.

18. Illustrate from this selection some aspects of the Romantic revival exhibited in the lyrics of Wordsworth and of Scott.

19. Compare and contrast the landscapes of Shelley and of Keats as exhibited in their lyrics.

20. Complete the following quotations, and assign them to the poems from which they have been taken :

(*a*) 'The moving waters at their priest-like task'
(*b*) ''Twas seen from Dryden's groves of oak,'
(*c*) 'Will no-one tell me what she sings?'
(*d*) 'If I should meet thee
After long years,'
(*e*) 'Ancestral voices prophesying war.'
(*f*) 'Make me thy lyre, even as the forest is.'
(*g*) 'Anywhere, anywhere
Out of the world.'

FRENCH.

FIRST PAPER—TWO HOURS.

1. Translate into French :

We daily see men do for their party, for their sect, for their country, for their favourite scheme of political and social reform, what they would not do to enrich or to avenge themselves. At a temptation directly addressed to our private cupidity or to our private animosity, whatever virtue we have takes the alarm. But virtue itself may contribute to the fall of him who imagines that it is in his power, by violating some general rule of morality, to confer an important benefit on a church, on a commonwealth, on mankind. He silences the remonstrances of conscience, and hardens his heart against the most touching spectacles of misery, by repeating to himself that his intentions are pure, that his objects are noble, that he is doing a little evil for the sake of a great good. By degrees he comes altogether to forget the turpitude of the means in the excellence of the end, and at length perpetrates without one internal twinge acts which would shock a buccaneer. There is no reason to believe that Dominic would, for the best archbishopric in Christendom, have incited ferocious marauders to plunder and slaughter a peaceful and industrious population, that Everard Digby would for a dukedom have blown a large assembly of people into the air, or that Robespierre would have murdered for hire one of the thousands he murdered from philanthropy. —MACAULAY.

2. Translate into English :—

(*a*) Faut-il le dire ? Je crois médiocrement aux vérités toutes faites. Tout, dans la nature, est mouvement, transition. L'homme et l'humanité n'existent qu'à la condition de mourir et de revivre sans cesse. L'univers n'est que le flux éternel des choses. Et il en est du beau, du vrai, du bien, comme du reste ; ils ne sont pas, ils se font ; ils sont moins le but vers lequel tend l'humanité que la résultante mobile des efforts de tous

les hommes et de tous les siècles. De là le caractère essentiellement relatif de la vérité : aucune vérité n'est vraie d'une manière absolue, mais seulement dans son enchaînement avec les autres et à l'état de perpétuel développement. Une vérité, pour rester vraie, a besoin d'être constamment renouvelée, d'être limitée par des exceptions, d'être complétée par ses contraires. Isolez-la, vous la faussez ; fixez-la, elle vous échappe et vous ne tenez plus qu'un mensonge.

De là aussi la nécessité d'examiner les choses sous toutes leurs faces et sans se flatter d'en avoir jamais achevé le tour. Comme les vérités et les erreurs ne sont vraies ou fausses qu'en partie, la tâche du penseur est de se remettre toujours de nouveau en contact avec la réalité, de serrer toujours les faits de plus près sans s'inquiéter des contradictions réelles ou apparentes dans lesquelles il pourra tomber.

E. SCHÉRER.

(*b*) Mon indomptable orgueil est l'arme de ma vie,
La pierre de mon œuvre et l'ancre de ma foi.
Il est plus fort qu'un roc et plus puissant qu'un roi,
Et trop dur pour le temps, et trop haut pour l'envie.

Je ne reconnais pas d'autre loi que sa loi,
La douleur peut frapper, c'est moi qui l'en convie.
J'irai sans que jamais d'un seul pas je dévie.
Je veux ce que je veux, et je m'appelle Moi !

C'est en vain que la haine attendrait pour salaire
Un mot de ma douleur, un cri de ma colère,
Ce qui part de si bas n'a pas un si haut prix.

Des hauteurs où je suis c'est un bruit dans l'espace.
J'entends et je souris, je me tais et je passe.
Mon rire a nom dédain, mon silence, mépris.

E. PAILLERON.

SECOND PAPER—Two Hours.

I. LITERATURE.

(*Answer in French* THREE *of the following questions.*)

1. "Molière rend possible de repeupler en idée toute la France de Louis XIV." Développez ce jugement.

2. Exposez et discutez les idées de Molière dans "L'École des Femmes" *ou* dans "Tartufe" *ou* dans "Le Misanthrope."

3. Analysez le caractère de Célimène *ou* celui de Sylvia ("Jeu de l'Amour et du Hasard") *ou* celui de Figaro.

4. Quelles sont les différences caractéristiques qui existent entre les trois pièces suivantes, dont l'intrigue est la même : "L'École des Femmes," "Les Folies Amoureuses," "Le Barbier de Séville"?

5. Analysez "Les Plaideurs," *ou* "L'Avare," *ou* "Turcaret."

II. PHILOLOGY.

(*Answer* TWO *of the following questions.*)

1. Quelles traces les noms de nombre ordinaux latins ont-ils laissées en français?

2. Distinguez entre "latin classique," "latin populaire ou vulgaire" et "bas-latin," et indiquez dans quelle mesure le français dérive de chacun d'eux.

3. Quel rapport étymologique y a-t-il entre : *poids*, *pente*, *pendu*, *pensum* ? Expliquez en détail l'origine de chacun de ces mots.

III. History.

(*Answer* TWO *of the following questions.*)

1. Appréciez les mérites de l'administration de Colbert.

2. Qui étaient les Jansénistes, et quelle influence ont-ils eue en politique et en religion ?

3. Discutez la nature et l'influence de la protection accordée à la littérature par Louis XIV et sa cour.

4. Quels sont les titres de Louis XIV à être appelé un grand homme d'état ?

GERMAN.

FIRST PAPER—Two Hours.

I. Translate into English :

In jedem Kleide werd' ich wohl die Pein
Des engen Erdenlebens fühlen.
Ich bin zu alt, um nur zu spielen,
Zu jung, um ohne Wunsch zu sein.
Was kann die Welt mir wohl gewähren ?
Entbehren sollst du ! Sollst entbehren !
Das ist der einige Gesang,
Der jedem an die Ohren klingt,
Den unser ganzes Leben lang
Uns heiser jede Stunde singt.
Nur mit Entsetzen wach' ich morgens auf,
Ich möchte bittre Thränen weinen,
Den Tag zu sehn, der mir in seinem Lauf
Nicht *einen* Wunsch erfüllen wird, nicht *einen*,
Der selbst die Ahnung jeder Lust
Mit eigensinngem Krittel mindert,
Die Schöpfung meiner regen Brust
Mit tausend Lebensfratzen hindert.
Auch muss ich, wenn die Nacht sich niedersenkt,
Mich ängstlich auf das Lager strecken ;
Auch da wird keine Rast geschenkt,
Mich werden wilde Träume schrecken ·
Der Gott, der mir im Busen wohnt,
Kann tief mein Innerstes erregen,
Der über allen meinen Kräften thront,
Er kann nach aussen nichts bewegen ;
Und so ist mir das Dasein eine Last,
Der Tod erwünscht, das Leben mir verhasst.

Goethe, *Faust*, I. Faust's Study.

II. *Answer in German* SIX *of the following questions, taking* TWO *from* A, TWO *from* B, *and* TWO *from* C.

A.

1. Welches sind die Grundzüge der Entwicklung der allgemeinen Weltanschauung im Laufe des achtzehnten Jahrhunderts in Deutschland?

2. Inwiefern wirkten Goethes naturwissenschaftliche Studien lähmend auf seine Dichterkraft? Inwieweit hat Goethe naturwissenschaftliche Stoffe zu gestalten vermocht? Inwiefern lassen sich Goethes Bemühungen um die Bemeisterung sozialer Probleme in der Dichtung diesen naturwissenschaftlichen Bemühungen vergleichen?

3. Geben Sie eine Skizze von Goethes Weltanschauung und seiner Stellung zu Spinoza und der zeitgenössischen Philosophie.

4. Welchen Weltanschauungsepochen sind die Probleme von Schillers Balladen entnommen? Warum gehört jedes derselben einer bestimmten Zeit an?

5. Welche Rolle spielt Wieland in der Weltanschauungsentwicklung des achtzehnten Jahrhunderts?

B.

6. Welche Rolle spielt die Idee der Erziehung in den Werken Lessings, Herders, Basedows, Goethes, Wielands und Schillers? Welche verschiedenen Auffassungen und Seiten von ihr treten da zutage?

7. Wie zeigt sich der Einfluss Rousseau's (*a*) bei Herder, (*b*) bei den Stürmern und Drangern, (*c*) bei Goethe, (*d*) bei Schiller?

8. Geben Sie einen Abriss der Geschichte der deutschen Ballade im achtzehnten Jahrhundert bis einschliesslich Goethe.

9. Inwiefern übt das griechisch-römische Altertum einen bestimmenden Einfluss auf die deutsche Dichtung des achtzehnten Jahrhunderts aus? Welche Grenzen sind diesem Einfluss gezogen?

10. Schildern Sie die Stellung der führenden Geister Deutschlands am Ende des achtzehnten Jahrhunderts zur französischen Revolution.

C.

11. Charakterisieren Sie die verschiedenen Epochen in Klopstocks geistiger Entwicklung und in seinen Bestrebungen.

12. Geben Sie eine Skizze von Jean Pauls Leben und Werken.

13. Geben Sie eine Skizze von Goethes Leben und Dichten von seiner Übersiedelung nach Weimar bis zur Italienischen Reise.

14. Vergleichen Sie die beiden Leipziger Professoren Gellert und Gottsched.

15. Was wissen Sie über die Entstehung und Tendenz von Schillers Drama "Don Carlos"?

16. Erzählen Sie den Inhalt von Goethes "Iphigenie" und vergleichen Sie dies Stück mit der "Iphigenie" des Euripides.

17. Geben Sie eine Schilderung der Beziehungen zwischen Goethe und Schiller und ihrer Bedeutung für die deutsche Literatur.

SECOND PAPER—Two Hours.

1. Translate into German indirect speech :—

Robert Louis Stevenson says : There is only one event in life which really astonishes a man and startles him out of his prepared opinions. Everything else befalls him very much as he expected. Event succeeds to event, with an agreeable variety indeed, but with little that is either startling or intense ; they form together no more than a sort of background, or running accompaniment to the man's own reflexions ; and he falls naturally into a cool, curious, and smiling habit of mind, and builds himself up in a conception of life which expects to-morrow to be after the pattern of to-day and yesterday. He may be accustomed to the vagaries of his friends and acquaintances under the influence of love. He may sometimes look forward to it for himself with an incomprehensible expectation. But it is a subject in which neither intuition nor the behaviour of others will help the philosopher to the truth. There is probably nothing rightly thought or rightly written on this matter of love that is not a piece of a person's experience. I remember an anecdote of a well-known French theorist, who was debating a point eagerly in his *cénacle*. It was objected against him that he had never experienced love. Whereupon he arose, left the society, and made it a point not to return to it until he considered that he had supplied the defect. "Now," he remarked, on entering, "now I am in a position to continue the discussion." Perhaps he had not penetrated very deeply into the subject after all ; but the story indicates right thinking, and may serve as an apologue to readers of this essay.

2. Write a short essay in German on the contents of Goethe's *Faust*.

(*Answer* SIX *of the following questions, taking* TWO *from* A, TWO *from* B, *and* TWO *from* C. *The answers may be given either in English or in German.*)

A.

3. Give a table of the German and English consonants arranged according to their places of articulation in the mouth, pointing out the differences in the pronunciation of them in the two languages. Define the differences of pronunciation of certain German consonants according to their initial, medial, or final position in the word.

4. Point out the meaning of the terms "musical accent" and "energetical accent," and show the application of the two kinds of accent in German and English. Explain, by giving examples for each, the meaning of the terms "chief emphasis," "by-emphasis," and "sub-emphasis." Give the rules on the accentuation of compound German words.

5. Form ten derivatives from the roots of each of the following verbs: *binden, biegen, brechen, bleichen, beissen, fliegen, geben, geschehen, sitzen, schneiden.*

6. Point out whence the following lines are taken :

(*a*) Der kennt euch nicht, ihr himmlischen Mächte.
(*b*) Denn was die innere Stimme spricht.
(*c*) Durch das Labyrinth der Brust.

(*d*) In Höhlen wohnt der Drachen alte Brut.
(*e*) Edel sei der Mensch, hilfreich und gut.
(*f*) Und mich ergreift ein längst entwöhntes Sehnen.
(*g*) Das Echte bleibt der Nachwelt unverloren.
(*h*) Eilende Wolken, Segler der Lüfte.
(*i*) Des Menschen Kraft, im Dichter offenbart.
(*k*) Die hohe Kraft der Wissenschaft.

B.

7. Point out the differences of meaning existing between the following pairs of words: Nieswurz, Niessbrauch; fordern, vordern; zwerch, Zwerg; bewähren, bewehren; giebst, gipst; Fiber, Fieber; Mähre, Mare; siegen, siechen; ahnen, ahnden; Walstatt, Wahlstadt; Bucht, gebucht; Schick, Geschick; Lösung, Lesung; freigebig, ergiebig; Burg, Borg; Bühel, Bügel; Urlaub, Erlaubnis; Geiss, Geisel; Blosse, Blässe; russig, russisch; hast, hasst; Lerche, Lärche; Färse, Verse; Gebärde, Geburt; graulich, greulich; bläuen, bleuen; Ehre, Ähre; Eichamt, Eichbaum; Laich, Leiche; Weide, Waidmann; Main, Meineid; Waise, Weise; Fliese, Vliesse; Achse, Achsel; Wechsel, Wichse; Teig, Teich; beschwert, Schwert; Prise, Brise.

8. Give an historical sketch of the evolution of the German declensions, pointing out some relics of each of those which have ceased to be self-dependent declensions in New-High-German.

9. Give a list of verbs which were once strong in German and are now weak, as well as of such as were once weak and have become strong, or have evolved certain strong forms at least, showing in each case their former and their present way of forming tenses.

10. Give a list of German nouns which have changed their gender in the development of the language, including such as have now two or more genders according to a variation in meaning.

C.

11. Give the rules about the gender of foreign words in German.

12. Give the present, past, past participle, present and past subjunctives and various meanings of the German preterit-presents.

13. Decline *derselbe* in all three genders, singular and plural; *ein ausgezeichnetes deutsches Buch* in singular and plural; *Glaube*, *Käse*, *Pfau*, *Thema*, *Pommer* and *Unterthan* in singular and plural; and *Jesus Christus* and *Maria Magdalena* in singular.

14. Give the general rules on the gender of German substantives.

HEBREW.

FIRST PAPER—THREE HOURS.

I. Point and translate the following:—

וירע אל־יונה רעה גדולה ויחר לו׃ ויתפלל אל יהוה
ויאמר אנה יהוה הלוא־זה דברי עד־היותי על אדמתי

על־כן קדמתי לברח תרשישה כי ידעתי כי אתה אל־חנון
ורחום ארך אפים ורב־חסד ונחם על־הרעה׃ ועתה יהוה
קח־נא את נפשי ממני כי טוב מותי מחיי׃ ויאמר יהוה
ההיטב חרה לך׃ ויצא יונה מן־העיר וישב מקדם לעיר
ויעש לו שם סכה וישב תחתיה בצל עד אשר יראה מה־
יהיה בעיר׃ וימן יהוה־אלהים קיקיון ויעל מעל ליונה
להיות צל על־ראשו להציל לו מרעתו וישמח יונה על־
הקיקיון שמחה גדולה׃ וימן האלהים תולעת בעלות השחר
למחרת ותך את־הקיקיון וייבש׃

II. Translate into Hebrew with the vowel-points :—

When the prophet of God was taken, 'Omar arose and said, Surely they are liars who assert that the prophet of God is dead; for, as the Lord liveth, he hath not died, but has gone to his Lord. For even as Moses, the son of 'Amram, was hidden from his people for forty days and then returned after it was said of him, He is dead, so shall the prophet return and will cut off the hands and the feet of the men who assert that he is dead. Then Abu Bekr, when the news came to him, approached until he alighted by the door of the mosque, whilst 'Omar was still speaking to the people. And he turned neither to the right hand nor to the left, but entered into the house where lay the body of the prophet covered over with a mantle. Then he drew near and uncovered his face and kissed him and said, My father and my mother wast thou, good wast thou living and dead; the death which God wrote against thee, thou hast not tasted, and there shall never touch thee any death henceforth for ever. Then he put back the garment over the face of the prophet, and went out, while 'Omar was still speaking to the people; and he said to him, Leave off and attend, but he would not cease speaking. And when he saw that he would not cease speaking, he drew near to the people, and they turned to him and left 'Omar. Then, after praising and lauding God, he said with a loud voice, O people, whosoever was worshipping Mohammed, Mohammed is dead, but whosoever was worshipping God, God never dies, but lives for ever.

III. (1) Give a brief account of the course of Pentateuch criticism from Astruc to Graf. (2) Note the main characteristics of the sources J, E, and P under the heads of (*a*) language, (*b*) grammar, and (*c*) point of view.

IV. (1) What can be said (*a*) for, and (*b*) against the view that there are Maccabaean psalms in the Psalter? (2) What are the characteristics of Asaphic psalms?

V. (1) Give a summary of the contents of the book of Habakkuk, (2) What views have been held as to the occasion and primary reference of the prophecy? And how do these bear on the question of the integrity of the book?

VI. State briefly what you know in regard to the introduction and earliest practice of writing among the Hebrews.

SECOND PAPER—Three Hours.

I. 1. Translate Genesis xiii. 1—11.

2. Parse וילך (v. 3), לשבת (v. 6), הפרד (v. 9), וירא (v. 10), ויסע (v. 11).

3. Remark on אהלים (v. 5).

4. Give the syntax of the following:—

(*a*) במקנה בכסף ובזהב (v. 2), והכנעני והפרזי (v. 7).

(*b*) וילך למסעיו (v. 3), באכה (v. 10).

(*c*) ולא נשא (v. 6), ישב (v. 7).

(*d*) אנשים אחים (v. 8).

(*e*) השמאל ··· הימין (v. 9), ואימנה ··· ואשמאילה (v. 9).

II. 1. Translate Psalm civ. 1—12.

2. Parse נוטה (v. 2), המקרה (v. 3), תמוט (v. 5), כסיתו (v. 6), ישקו (v. 11).

3. Explain the syntax of:—

(*a*) גדלת (v. 1), עטה (v. 2).

(*b*) תהום ··· כסיתו (v. 6). To what does the suffix refer?

(*c*) הרים and בקעות (v. 8), אל מקום זה (v. 8).

4. Remark on כל חיתו שדי (v. 11), and עפאים (v. 12).

5. Remark on the difficulty of translating v. 4.

6. What is the subject of יהלכון in v. 10?

III. 1. Translate Habakkuk ii. 15—20.

2. Parse תסוב (v. 16), יחיתן (v. 17), דומם and יורה (v. 19).

3. Mention proposed alterations of the text in מספח (v. 15), הערל (v. 16), יחיתן (v. 17).

4. Give the syntax of:—

(*a*) שבעת קלון מכבוד (v. 16).

(*b*) חמס לבנון (v. 17), and of יחיתן if that reading is retained in v. 17.

(*c*) מדמי אדם and ישבי בה (v. 17).

(*d*) כי בטח ··· עליו (v. 18).

5. Remark on the word קיקלון (v. 16).

6. Name and classify all the accents in v. 19. Point out their relation to the syntax.

B.—DEPARTMENT OF MENTAL PHILOSOPHY.

LOGIC —THREE HOURS.

(*Not more than* TEN *questions to be attempted.*)

1. (*a*) Distinguish between contrary and contradictory opposition.

(*b*) Are the following assertions precisely equivalent to one another:

(1) All who are happy are wise,
(2) All who are foolish are unhappy?

(*c*) Give, where possible, the contrapositive and the contradictory of each of the following:

(1) All emotions are compound mental states.
(2) Many a rose is born to blush unseen.
(3) To be weak is miserable.
(4) No one is always wise.

2. Write a brief explanatory note on each of the following terms: *category*, *summum genus*, *nominalism*, *quantification of the predicate*, *inductio per enumerationem simplicem*, *Baconian method*.

3. What do you understand by the connotation and the denotation of a term, and how would you interpret the assertion that as the connotation diminishes the denotation increases? Can proper names be said to possess connotation?

4. How would you distinguish a *Formal* from a *Verbal* fallacy? Test the following, naming the fallacy where you think it occurs:

(1) Haste makes waste and waste makes want; therefore a man never loses by delay.

(2) No fallacy is a legitimate argument; any legitimate argument may fail to win assent; therefore no fallacy fails to win assent.

(3) He must know a great deal, for he says so very little.

(4) Since all metals are elements, the most rare of all the metals must be the most rare of all the elements.

(5) The stars are invisible if the sun is shining. But the sun is not shining; therefore the stars are visible.

5. On what grounds has it been held (1) that every hypothetical proposition is an implicit inference, (2) that the hypothetical syllogism is a form, not of *mediate* but of *immediate* inference?

6. Distinguish Observation from Experiment, and enumerate the relative advantages of Experiment as a process for supplying scientific data.

7. 'The conclusion is not an inference drawn *from* the major premiss, but an inference drawn *according* to it.' Explain and criticise this assertion of Mill's.

8. State and examine the methods formulated by Mill as supplementary to the direct inductive methods of Agreement and of Difference.

9. 'The subject-matter of Psychology is co-extensive with Experience itself.' Restrict this definition in such a way as to distinguish the province of Psychology from those of Logic and Natural Science. In what

sense can the point of view of Psychology be said to be more abstract than that taken either by Natural Science or by Logic?

10. What are (1) the aims, (2) the methods, of psychophysical research?

11. 'The law of relativity holds good not only for sensations, but also for ideas and concepts.' Explain and illustrate.

12. Investigate the nature of the process to which the name 'Attention' is given.

13. Distinguish between Feeling, Sensation, and Emotion. In what relation do the feelings stand to the sensations and desires?

14. What circumstances in primitive experience operate in producing and fixing with definite meaning the distinction between perceiving subject and perceived object?

15. What do you understand by Memory; and how do you explain our belief in the *reality* of what we remember? What are the stages by which the meaning of the time-element in our experience becomes clear to us?

16. Give a general statement of Descartes' Ideal of Knowledge, and show how his rules of method are involved in it.

17. Explain the expression 'Cogito, ergo sum' as Descartes understood it. How did Descartes reach it, and what use did he make of it?

18. What meaning did Descartes put upon the term 'Understanding,' and what was his Theory of Error?

19. State the several proofs Descartes offers for the existence of God; consider their relation to one another and to the initial principle of his doctrine of Knowledge.

20. What is the general nature of the view called '*Occasionalism*'? Show how it is involved in the Cartesian doctrine of Perception.

MORAL PHILOSOPHY Three Hours.

(All *Candidates for the Degree are required to answer not less than* two *nor more than* three *questions in Section* A, *and not less than* six *nor more than* seven *in* either *Section* B or *Section* C.)

A.

1. How does Plato characterize Oligarchy and Democracy? How is the overthrow of each connected with the onesidedness of its ideal?

2. Give and criticise the parallel instituted by Plato between the faculties of the individual and the classes of the state.

3. What are the main problems which arise from the presence of women in the class of guardians, and how does Plato propose to solve them?

4. Indicate the more characteristic merits and defects of Plato's view of Education?

5. Give and examine the definitions of Justice that appear in the Republic.

B. For Students of 1894-95 and Subsequent Sessions.

1. Show clearly how the issue between Determinists and Indeterminists is bound up with the question of Causation.

2. Analyze the conception of Organism and show what results follow from applying it to the relation between the Self and the World.

3. State and examine the main objections which have been urged against making moral conduct a subject of scientific enquiry. What is the value of the Intuitional method?

4. Compare the Utilitarian doctrines of Bentham and Mill.

5. "It is the essence of a moral law to be imposed by a man upon himself." Examine this statement.

6. What various views have psychologists taken of the nature of desire, and how have these views affected ethical principles?

7. "The individual and society can only grow together." Explain this statement, and show what difficulties it involves.

8. Enunciate the second expression of the moral law given by Kant, and show in what ways it is an advance on the *first*, and inferior to the *third* of his formulae.

9. "Early Greek and early Christian morality are alike abstract, and the true morality must combine them." Explain and estimate the truth of this statement.

10. What was the place and significance of Socrates in Greek ethical thought?

11. Are varying standards of conduct consistent with an absolute moral law?

C. For Students of any Session before 1894-95.

Discuss the following subjects :—

1. Modern Utilitarianism.
2. The relation of the Individual to the State.
3. Egoism and Altruism.
4. Socialism.
5. Determinism and Indeterminism.
6. The Social Contract Theory of Society.
7. The place of habit in the moral life.

POLITICAL ECONOMY Three Hours.

(*Not more than* EIGHT *questions to be attempted.*)

1. The old definition of Wealth was, practically, that of a sum of things having exchange value. Examine this in the light of Marshall's conception.

2. A shilling is less to a rich man than a penny to a poor one. How does this illustrate the idea of Marginal Utility?

3. State the Law of Demand and show how it arises from the Law of Diminishing Utility.

4. Give some illustrations, from your own knowledge, of the Elasticity of Demand.

5. State and discuss the Malthusian doctrine of Population and give the modern modifications.

6. Point out the importance of the mobility of labour and indicate the modern tendency in regard to it.

7. Do employers earn their profits? If so, how is their remuneration determined?

8. Discuss the economic questions involved in the demand for an Eight Hours' Day.

9. "The theory of the rent of land is no isolated economic doctrine, but merely one of the chief applications of a particular corollary from the general theory of demand and supply." What is the "general theory" referred to; what is the "particular corollary"; and what are other "applications" of it?

10. Indicate briefly the position in, or the contributions to, the development of economic theory of the following: the Physiocrats, Adam Smith, Malthus, Ricardo, Mill, the Austrian School.

11. "To the extent that competition is perfect each factor earns just about what its contribution is worth." Examine and explain this statement. Does it leave any place for the Trade Union?

12. If you were manager of the Corporation Tramways, what various interests would you have to reconcile? Is any one of these interests, in your opinion, paramount?

EDUCATION.

FIRST PAPER—Three Hours.

Theory of Education.

1. Mill says, "Others are liable to suffer seriously from the consequences of ignorance and want of education in their fellow countrymen." How would you seek to justify this statement, and how far does it warrant the interference of the State in public education?

2. Give some definition of Education as practicable in the school-room. What general effects does the teacher hope to bring about by education, and on what physiological and psychological grounds are these hopes based?

3. Distinguish between "reflex" and "voluntary" action, and give the commonly accepted explanation of the processes involved in each case. What do you know of action of an intermediate kind?

4. Define Memory, and point out the part played by the teacher in strengthening memory by exercise. How do you explain the fact that A, when asked the ratio of the diameter of a circle to the circumference, at once replies, "As 1 to 3·14159"; while B at once thinks of events in the life of Warren Hastings when India is mentioned? What mental processes were involved in each case?

5. What do you understand by the term Ideas in the phrase, "Association of Ideas"? Specify the conditions which favour this Association.

6. "The training of the Senses." Examine the import of this phrase. Take a particular instance of this training, and state the mental operations involved in the process.

7. A child's power of attention is at first rudimentary. By what means and in what way, is the habit of attention to be cultivated most successfully?

8. What is the basis of the teacher's authority over his pupils? Compare and contrast it with that of a parent over his child, and of the State over its citizens.

SECOND PAPER—Three Hours.

A. Methods of Education.

1. Suppose you are asked to organize and conduct a Junior Department according to the principles of Froebel. Describe generally how you would proceed, and what precautions you would require to take. [Infants to Standard II. inclusive.]

2. Describe how you would attempt to give a class a clear idea of Ratio, and how you would utilize this knowledge to explain solutions in "simple proportion."

3. Draw up a consecutive series of suitable questions, not more than ten, which you could put to a class (that had studied any one of the following subjects), with the view of determining the knowledge acquired, rather than detecting defects in individual pupils:—

(1) The union of the Parliaments,
(2) The Atmosphere,
(3) The Analysis of the sentence, "He said the time had come when they must go."

4. What general principles would guide you in setting Home Work to your pupils? Which of the following subjects are best suited for home work, and why: *Grammar*, *Poetry*, *History*, *Writing*, *Map-Drawing*, *Arithmetical Exercises*? Briefly state the nature and purpose of the exercises in each case.

B. History of Education.

5. What broad distinction can you trace between the spirit and the aim of education as carried on at Sparta and at Athens? What were the results in either case?

6. Show that Milton's aim in education was at once ethical and utilitarian. What preliminary conditions must be satisfied before his scheme could be made available? State and criticise his main purpose in teaching Latin.

7. Criticise the aims and methods of Comenius. What are his claims to a high place in the history of Method in education?

8. Contrast the educational stand-point of David Stow with that of Bell and Lancaster. What improvements did Stow effect in the education of the common school? Give some account of his picturing out in words.

Philosophy of Law—(See Jurisprudence, p. 546.)

C.—DEPARTMENT OF SCIENCE.

MATHEMATICS.

FIRST PAPER—THREE HOURS.

1. Prove that any two sides of a triangle are together greater than the third.

P, *Q* are two points on the same side of a given line *AB*, find the point *C* in *AB* so that the sum of *PC* and *QC* is the least possible.

If *P*, *Q* are on opposite sides of *AB*, where is *C*?

2. Prove that, if two sides of one triangle be respectively equal to the two sides of another and the angle contained by the two sides of the one be greater than the angle contained by the two sides of the other, the third side of the former is greater than the third side of the other.

If in the sides *AB* and *AC* produced of a triangle *ABC* points *D* and *E* respectively be taken, such that *BD*, *CE* are equal, show that *BE* is greater than *CD*, if *AC* is greater than *AB*.

3. Prove that parallelograms on equal bases and between the same parallels are equal in area.

Two triangles are on equal bases and between the same parallels, show that the sides of the triangle intercept equal lengths on any straight line parallel to their bases.

4. Show that in any obtuse-angled triangle, the square on the side subtending the obtuse angle is greater than the sum of the squares on the sides containing that angle, and show by what amount it is greater.

ABC is a triangle having the sides *AB* and *AC* equal; *AB* is produced beyond the base to *D* so that *BD* is equal to *AB*; show that the square on *CD* is equal to the square on *AB*, together with twice the square on *BC*.

5. Show that the sum of two opposite angles of a quadrilateral inscribed in a circle is two right angles.

ABCD is a quadrilateral inscribed in a circle, *AD*, *BC* produced meet in *E*, and *BA*, *CD* produced in *F*, and the circle round the triangle *ECD* cuts *EF* in *K*, show that the circle round the triangle *ADF* passes through *K*.

6. If in two circles equal chords subtend equal angles at the circumference, prove that the radii of the circle are equal.

OA, *OB* are fixed straight lines, *AB* moves but remains of fixed length; perpendiculars are drawn at *A*, *B* to *OA*, *OB* respectively, meeting in *P*, show that the locus of *P* is a circle.

7. Show that the angle in a semicircle is a right angle, and prove the results for an angle in a segment greater or less than a semicircle.

If a circle *A* pass through the centre of a circle *B*, the tangents to *B* at the points of intersection of *A* and *B* intersect on the circle *A*.

8. Show that if *P* be any point in a given straight line and *O* an external point, the locus of *Q* is a circle, where *Q* is in *OP* and such that the rectangle *OP*, *OQ* is constant.

9. Show how to inscribe a circle in a given triangle.

Show that the triangle whose vertices are the three points of contact of the inscribed circle with the sides of the original triangle can never be obtuse or right-angled.

10. Show that if a straight line be drawn parallel to one of the sides of a triangle, it cuts the other sides, or these sides produced, proportionally.

In a triangle ABC a straight line AD is drawn perpendicular to the straight line BD which bisects the angle B; show that a straight line drawn from D parallel to BC will bisect AC.

11. Show that if the vertical angle of a triangle be bisected internally by a straight line cutting the base, the rectangle contained by the sides of the triangle is equal to the rectangle contained by the segments of the base, together with the square on the bisector.

12. If a straight line be perpendicular to a plane, show that all straight lines parallel to it are also perpendicular to the plane.

From a point A perpendiculars AP, AQ are drawn to two intersecting planes, show that the plane of AP, AQ is perpendicular to the line of intersection of the planes.

SECOND PAPER—THREE HOURS.

1. Find the Highest Common Factor of

$$3x^5 - 11x^4 - 11x + 3 \quad \text{and} \quad 5x^5 - 19x^4 + 19x - 5.$$

2. If $x = \frac{b}{c} + \frac{a}{b}$, $y = \frac{c}{b} + \frac{b}{a}$, show that $\frac{x+y}{x-y} = \frac{a+c}{a-c}$.

3. Solve the equations:

$$(1)\ 14xy - 5 = 27y, \quad 8xy + 11 + 40y = 0;$$

$$(2)\ \frac{x}{x-5} + \frac{6}{x-4} = 4;$$

$$(3)\ x^2 + xy - y^2 = 5, \quad 2x^2 - 3xy + 4y^2 = 6.$$

4. Find at what times between 10 and 11 o'clock the hands of a clock are separated by 20 minutes.

5. Find the condition that the equation

$$\frac{10}{x+a} + \frac{\lambda}{x} + \frac{6}{x-a} = 0$$

has equal roots, and show that the condition is satisfied by either of two values of λ.

If λ_1, λ_2 are these values and x_1, x_2 the corresponding double roots of the equation when λ has the values λ_1, λ_2, show that

$$\lambda_1\lambda_2 = 4 \quad \text{and} \quad x_1x_2 = a^2.$$

6. Define a Geometrical Progression, and find an expression for the sum of one to n terms.

Explain how in some cases such a Progression can be summed to an infinite number of terms.

The sum of the first three terms of a Geometrical Progression is 19 and the sum to infinity is 27, find the first term and the common ratio.

7. Prove the expression for the number of combinations of n things taken r at a time.

In how many ways can a crew of eight men be chosen from twelve men, when two at least of A, B, C must be chosen, but A must not be chosen with D?

8. How do we define an index when it is not necessarily a positive integer?

Assuming your definition, find the meaning of a^{-n} when n is positive, and show that $(a^x)^y = a^{xy}$, whatever x and y are.

Prove that $\sqrt{\{\sqrt{(a+\sqrt[3]{a^2b})}+\sqrt{(b+\sqrt[3]{b^2a})}\}} = (a^{\frac{1}{3}}+b^{\frac{1}{3}})^{\frac{3}{4}}$.

9. State and prove the Exponential Theorem, and deduce the expansion of a^x in powers of x.

10. Prove the relation which exists between $\cot\theta$ and $\cos 2\theta$, assuming 2θ less than 90°.

If $\cot^2 A = 1 + 2\cot^2 B$, prove that $2\cos 2A = 1 + \cos 2B$.

11. Show that the angles which have the same cosine as α are included in the expression $2n\pi \pm \alpha$.

Solve generally the equation $\cos x = \sin^2 x$, using your tables.

12. Prove that $\cos(A+B) = \cos A\cos B - \sin A\sin B$ in the case where A, B are both less than 90° but $A+B$ is greater than it.

Assuming this result to hold in general, write down the results for $\cos\alpha + \cos\beta$, $\cos\alpha - \cos\beta$ in product form.

If $1 + \cos(\beta-\gamma) + \cos(\gamma-\alpha) + \cos(\alpha-\beta) = 0$, show that one of the three $\beta-\gamma$, $\gamma-\alpha$, $\alpha-\beta$ is an odd multiple of 180°.

13. Prove the expression for the radius of the circumcircle of a triangle ABC, $R = \dfrac{a}{2\sin A}$.

If S be the circumcentre, and from S, SE, SF are drawn perpendicular respectively to AC, AB, find the lengths of SE, SF and show that the area of the quadrilateral $AFSE$ is $\frac{1}{4}aR\cos(B-C)$.

14. A tower is viewed from two points A, B in a horizontal plane, and the angles of elevation are 45° and $\cot^{-1}2$ respectively; the angle at A between AB and the horizontal line to the tower is 49° 56′ 23″, the corresponding angle at B is 22° 30′, and the distance AB is 40 yards, find the height of the tower.

NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Show how to resolve a force into two components along lines at right angles to one another.

Find the direction correct to a minute of the resultant of three forces acting at a point, in magnitude 1, 2, 3 lbs. weight, where the middle force is 2 lbs. weight, and acts at an angle 40° to the first force, and at an angle 80° to the third force.

2. Show that if a body be suspended freely, its centre of gravity will be vertically under the point of suspension.

If three equal uniform rods AB, BC, CD are firmly jointed so as to form three sides of a regular hexagon, and this system is freely suspended from C, then it will hang with CD horizontal.

3. Enunciate one form of the necessary and sufficient conditions for the equilibrium of any plane system of forces acting on a rigid body.

A uniform beam rests on a smooth horizontal floor at an angle of 60° to the horizon, in one case against a smooth vertical wall, in the other case with its upper end just projecting over the top of a smooth vertical wall, and in both cases it is kept in equilibrium by a horizontal force applied at its lowest point. Show that the force in the latter case is to that in the former as 3 : 4.

4. Enunciate the laws which govern the direction and magnitude of the maximum friction between two surfaces.

A body is to be dragged very slowly up a rough inclined plane; show that the necessary force in a fixed direction is exactly the same as if the plane were smooth but steeper, the increase of the inclination of the plane being equal to the angle of friction.

5. Give a unit of work and define horse-power in terms of it.

A horse working at $\frac{3}{5}$ H.P. draws a canal boat at $2\frac{1}{4}$ miles per hour. Find the pull exerted by the horse in lbs. weight.

6. Prove the formula $s = ut + \frac{1}{2}at^2$ in the usual notation.

A body is projected vertically upwards with a velocity of 64 ft. per second, and 3 seconds later a second body is let fall from the point of projection. Prove that the first body will overtake the second $1\frac{1}{2}$ seconds later, 36 ft. below the point of projection. [$g = 32.$]

7. A shot of mass 1 oz. is projected with a velocity of 1000 ft. per second from a gun of mass 12 lbs., find the velocity with which the gun begins to recoil.

If the pressure from the shoulder on the stock of the gun reduce it to rest in the space of $1\frac{1}{2}$ inches, show that the pressure must be about 40·7 lbs. weight.

8. Two bodies of known masses and known velocities impinge directly together; find equations to determine the velocities of the bodies after impact, and prove that the centre of gravity of the bodies moves uniformly throughout.

Two equal billiard balls are placed on a line at right angles to a side of the table which is perfectly elastic, one of them midway between the side and the other ball; the latter is projected so as to hit the former directly, show that a second collision occurs after a time which is independent of the coefficient of restitution between the balls.

9. Assuming the law of simple harmonic motion, show that the periodic time of a simple pendulum of length l is $2\pi\sqrt{l/g}$.

By how much approximately, in comparison with its own length, should a seconds' pendulum be lengthened or shortened to make the clock to which it is attached lose a minute in 24 hours?

10. Define moment of inertia, radius of gyration, and find the kinetic energy of a sphere rolling on a plane without slipping, the angular velocity being ω, and the radius r. [$k^2 = \frac{2}{5}r^2$.]

A sphere is projected with a velocity 10 ft. per second, so as to roll without sliding up a plane inclined at an angle 12° to the horizon. Find how far along the plane it will roll before coming to rest.

11. Prove that if a body moves so that a radius vector drawn to a fixed point describes equal areas in equal times, then the force acting on the body is in a line through the fixed point.

12. Show how to find the resultant horizontal pressure of a liquid on a curved surface.

If the air is half exhausted in a pair of Magdeburg hemispheres, 2 ft. in diameter, find the force required to separate them, taking 15 lbs. as the atmospheric pressure per square inch.

13. A cylindrical diving-bell, height 10 feet, is let down till the depth of its top is 50 feet, find the space occupied by air, supposing the water-barometer stands at 33 feet.

Find what volume of air at atmospheric pressure must be pumped in to expel the water completely.

SECOND PAPER—Three Hours.

1. Define a modulus of elasticity. Give a clear explanation of the two moduluses that solids have, and show how your definitions and explanations are applicable both to solids and fluids.

2. Find the Young's modulus of a copper wire from the following data: A copper wire is elongated by 1/1000 of its own length by a stretching weight of 12 kilogrammes weight per square millimetre.

Find also the velocity in kilometres per second of a longitudinal pulse along this wire. Specific gravity of copper 8·9.

3. Describe experiments illustrating (1) the diffusion of liquids without a separating membrane, (2) osmosis, and (3) the diffusion of gases through dry porous separators. State the laws for cases (1) and (3) and show how the law for (3) is deduced from the kinetic theory of gases. Illustrate your descriptions by diagrams.

4. The surface tension of water is 0·08 gramme-heaviness per lineal centimetre. A glass tube of 1/20 centimetre diameter is dipped into a large vessel of clean water. Find the difference of levels between the water inside the tube and the water in the large vessel, given that the air angle of contact between water and glass is 180°. If the liquid be mercury instead of water, find the difference of levels from the following data: surface tension of mercury 0·54 gramme-heaviness per lineal centimetre; specific gravity of mercury 13·6; air angle of contact between mercury and glass 45°.

5. Describe the processes of calibrating a glass tube that is to be used for a mercurial thermometer; of filling and sealing the thermometer; and of fixing the fixed points on the tube. What temperatures, Fahrenheit, correspond to 37° C. and 15° C.?

6. Define specific heat and latent heat of a body. Describe any two methods by which the specific heat of a substance could be experimentally determined. Explain any sources of error in the methods you describe, and how these can be allowed for.

7. Explain clearly what is meant by saying that the thermal conductivity of copper is 0·996. Find the quantity of heat, defining fully the unit of heat you choose, that flows through a square metre of copper 2 millimetres thick in half-an-hour if the difference of temperature between its two faces be 15° C. Calculate what weight of ice this quantity of heat would melt.

8. A pencil of light passes from air into water at an angle of incidence of 57°. Find the angle of refraction, the index of refraction being 1·336. Make a diagram approximately correct showing the path of the pencil of light in the water.

Calculate the velocity of light in water.

9. An illuminated arrow, 9 centimetres in length, is placed at a distance of 40 centimetres from a convergive lens of 36 centimetres focal length. Find where a screen must be placed to get a distinct image of the arrow on it, and the length of the image. Make a diagram explaining how you geometrically find the image of the arrow.

10. On what does (1) the pitch, and (2) the loudness of a musical note depend? Describe how you would experimentally determine (1) the frequency of the note of a given tuning-fork, and (2) the wavelength of the note of the tuning-fork.

11. State Ohm's law. A battery consists of 20 cells each having an electromotive force of 1·06 volts and an internal resistance of 5 ohms. Find the current through an external resistance of 80 ohms when the battery is joined (1) in series, and (2) in parallel.

12. Describe a tangent galvanometer, and explain clearly how to set it up and to deduce from its dimensions and indications the magnitude of the current passing through its coil.

13. Give the definition of (1) unit magnetic pole, (2) unit electromagnetic current, and (3) unit electromagnetic difference of potential. What is the value of the ampere, volt, and ohm in terms of the corresponding C.G.S. electromagnetic units?

14. Describe the various parts and connections of a Ruhmkorff coil. Explain the action and uses of each part.

CHEMISTRY—See p. 533.
ZOOLOGY—See p. 534.
BOTANY—See p. 534.

D.—DEPARTMENT OF HISTORY AND LAW.

HISTORY.

FIRST PAPER—THREE HOURS.

(*Not more than* EIGHT *questions should be attempted.*)

1. Draw a map of the British Isles in the eighth century, showing the positions occupied by the various Teutonic and Celtic tribes settled therein.

2. Summarize the results of the reigns *either* of Alfred in England *or* of Malcolm Canmore in Scotland.

3. What were the chief aims and objects of the feudal baronage in either country in the twelfth century ?

4. Give a brief explanation of the following :—Compromise of Bec, Assize of Arms, Treaty of Falaise, frank-pledge, villein tenure, Statute of Quia Emptores, tallage.

5. Explain the origin and importance of the "Ancient League" between Scotland and France.

6. Account for the English successes in the early part of the Hundred Years' War.

7. What do you know of the following battles :—Tenchebrai, Northallerton, Largs, Falkirk, Harlaw, Tewkesbury ?

8. Compare the composition and powers of the English and Scottish parliaments in the first half of the fifteenth century.

9. What geographical or other divisions can be consistently traced in the Wars of the Roses ?

10. Write short notices of *any two* of the following :—St. Aidan, Archbishop Theodore, Hubert de Burgh, Cardinal Beaufort, Cardinal Beaton.

11. Examine the claims of Henry VII. to be regarded as a great statesman.

12. Contrast the circumstances of the rise of the Protestant movement in England and Scotland respectively.

SECOND PAPER—THREE HOURS.

(*Not more than* EIGHT *questions should be attempted.*)

1. Point out some of the chief merits or defects of Elizabeth's foreign policy.

2. Summarize the mistakes of James VI. and Charles I. in their treatment of Scotland.

3. What colonial possessions did England possess at the end of the seventeenth century? Describe their position, and the way in which each had been acquired.

4. Describe, with a map, *any one* of the campaigns of the great Civil War.

5. Give some account of the relations of Cromwell with Parliament during his tenure of the Protectorate.

6. What do you know of the following persons?—Sir F. Walsingham ; Fletcher of Saltoun ; the second Marquis of Argyll ; George Savile, Marquis of Halifax ; Lord Shelburne.

7. How far is it true to say that the Revolution of 1688-9 rendered it necessary to bring about the Parliamentary union of England and Scotland ?

8. Compare the hopeless failure of the Jacobite cause in 1715 with its comparative success in 1745.

9. Give a short account of the following political writings: The Hind and the Panther; The Conduct of the Allies; The Drapier Letters; No. 45 of the North Briton; Thoughts on the Present Discontents.

10. Summarize the causes of the revolt of the North American Colonies.

11. "The Whigs of to day are the Tories of yesterday." Illustrate this statement from the history of party politics in the eighteenth century.

12. What were the principal exports of the United Kingdom in the eighteenth century, and what countries were our chief commercial clients?

13. Account for the comparative failure of our efforts on land in the French war between 1793 and 1809.

Constitutional Law and History—See p. 547.
Roman Law—See Civil Law, p. 540.
Public Law—See p. 544.

II. FOR THE DEGREE WITH HONOURS.

And for Snell Exhibition, April, 1898.

A.—GROUP OF CLASSICS.

LATIN TRANSLATION—Three Hours.

1. Translate :—
   (*a*) Virg. *Aen.* X. 185—195.
   (*b*) Hor. *Ep.* I. 6, 45—55.

2. Translate any *two* of the following passages :—
   (*a*) Lucr. II. 508—520.
   (*b*) Lucr. III. 168—176.
   (*c*) Plaut. *Trin.* III. 2, 92—102.
   (*d*) Plaut. *Mil. Glor.* IV. 4, 41—51.
   (*e*) Juv. XIV. 191—201.
   (*f*) Catull. XVII. 17—26.
   (*g*) Prop. III. 11, 53—62.
   (*h*) Mart. II. 6, 2—13.
   (*i*) Mart. V. 84, 1—12.
   (*j*) Pers. V. 103—112.

3. Translate the *three* following passages :—
   (*a*) Cic. *Phil.* II. 43, §§ 110, 111.
   (*b*) Liv. XXI. 62, 7—10.
   (*c*) Tac. *Ann.* IV.71.

4. Translate the following (unprescribed):—

Ergo ubi concipiunt, quantis sit cladibus orbi
Constatura fides superum, ferale per urbem
Iustitium, latuit plebeio tectus amictu
Omnis honos, nullos comitata est purpura fasces.
Tum questus tenuere suos, magnusque per omnis
Erravit sine voce dolor. Sic funere primo
Attonitae tacuere domus, cum corpora nondum
Conclamata iacent, nec mater crine soluto
Exigit ad saevos famularum bracchia planctus;
Sed cum membra premit fugiente rigentia vita
Voltusque exanimes oculosque in morte micantes;
Necdum est ille dolor, sed iam metus: incubat amens
Miraturque malum.

Lucan. *Pharsalia*, II. 16–28.

LATIN PROSE—Three Hours.

Translate into Latin:—

The long summer day was waning into dusk, and the fortunes of the battle still trembled in the balance, when the last reserve of the Germans—the second army corps—came hurrying up towards the brink of the abyss. In the lurid glare of the blazing village, the German king stood by the wayside and greeted his stalwart Pomeranians as they passed him. High over the roll of the drums, the blare of the bugles, and the crash of the cannon, rose the eager burst of cheering as the soldiers answered their sovereign's greeting, and then followed their chiefs down into the fell depths of the terrible chasm. The strain of the crisis was sickening as we waited for the issue, in a sort of spasm of sombre silence. The old king sat, with his back against a wall, on a ladder, one end of which rested on a broken gun-carriage, the other on a dead horse. Bismarck, with an elaborate assumption of coolness which his restlessness belied, made pretence to be reading letters. The roar of the close battle swelled and deepened till the very ground trembled beneath us. The night fell like a pall, but the blaze of the adjacent conflagration lit up the anxious group here by the churchyard wall. From out the medley of broken troops littering the slope in front rose suddenly a great shout, that grew in volume as it rolled nearer. The hoofs of a galloping horse rattled on the causeway. A moment later, Moltke, his face for once quivering with emotion, sprang from the saddle, and, running towards the king, cried out: 'It is good for us; we have carried the position, and the victory is with your Majesty!'

Archibald Forbes.

LATIN GENERAL PAPER—Two Hours.

1. Translate, with notes on allusion, syntax, or reading:

(*a*) Iuppiter ipse duas aequato examine lances
sustinet, et fata imponit diversa duorum,
quem damnet labor et quo vergat pondere letum. —Virg. *Aen.*

(*b*) Scribe decem a Nerio; non est satis: adde Cicutae
Nodosi tabulas centum, mille adde catenas:
Effugiet tamen haec sceleratus vincula Proteus.
Cum rapies in ius malis ridentem alienis.—HOR. *Sat.*

(*c*) Consimili ratione herbas quoque saepe decebat
et laticis dulcis guttas similique sapore
mittere, lanigerae quali sunt ubere lactis.—LUCR.

(*d*) Illud in his rebus vitium vementer avessis
effugere, errorem vitareque praemetuenter,
lumina ne facias oculorum clara creata,
prospicere ut possemus, et ut proferre queamus
proceros passus, ideo fastigia posse
surarum ac feminum pedibus fundata plicari.—LUCR.

(*e*) Deum virtute habemus et qui nosmet utamur, pater,
Et aliis qui comitati simus benivolentibus.—PLAUT. *Trin.*

(*f*) Itan vero? Ut tu ipse me dixisse delices,
Post e sagina ego eiciar cellaria,
Ut tibi qui promptet alium suppromum pares.—PLAUT. *Mil.*

(*g*) Zelotypo iuvenis praelatus Iarbae.—JUV.

(*h*) Cor iubet hoc Enni, postquam destertuit esse
Maeonides Quintus pavone ex Pythagoreo.—PERS.

(*i*) Nec cuiquam absentes arserunt in caput ignes
Exitium nato matre movente suo.—PROP.

(*j*) Sidera corruerent utinam, coma regia fiam,
Proximus Hydrochoi fulgeret Oarion!—CATULL.

(*k*) Septenaria synthesis Sagunti.—MART.

(*l*) Hermes suppositicius sibi ipsi.—MART.

(*m*) Quis umquam in illo Iano inventus est, qui L. Antonio mille nummum ferret expensum?—CIC. *Phil.*

(*n*) Si quibus argentum in praesentia deesset, dandam ex aerario pecuniam mutuam praedibusque ac praediis cavendum populo.—LIV.

(*o*) Dein collecto animo respondit nequaquam decorum pudori suo legere aliquid aut evitare ex eo, cui in universum excusari mallet.—Tac. *Ann.*

2. Illustrate, from the books which you profess, two of the following subjects: (*a*) The private life of Horace, (*b*) the picturesque element in the poetry of Lucretius, (*c*) the treatment of female character by Plautus, (*d*) the style of Juvenal, (*e*) the style of Persius, (*f*) the character of Martial.

3. What peculiarities in the site of Rome had an important bearing on Roman history?

4. What is the meaning of the following technical expressions: *pedarii*, *pedibus ire in sententiam*, *exquisitis sententiis*, *in ordinem cogere*, *cretio simplex*, *servitutes*, *intercessio*, *obnuntiatio*, *comperendinatio*?

5. What were the principal laws of Sulla?

6. Give some account (with dates) of the following engagements: Battle of the Aegates, of the Colline Gate, of Pydna, of Munda.

GREEK TRANSLATION—THREE HOURS.

1. Translate *one* of the following:—

(*a*) Δᾶερ ἐμεῖο, κυνὸς κακομηχάνου ὀκρυοέσσης,
ὥς μ' ὄφελ' ἤματι τῷ ὅτε με πρῶτον τέκε μήτηρ
οἴχεσθαι προφέρουσα κακὴ ἀνέμοιο θύελλα
εἰς ὄρος ἢ εἰς κῦμα πολυφλοίσβοιο θαλάσσης,
ἔνθα με κῦμ' ἀπόερσε πάρος τάδε ἔργα γενέσθαι.—HOM. *Il.*

Discuss the form ὀκρυοέσσης.

(*b*) Ὡρμήθη δ' Ἀχιλεύς, μένεος δ' ἐμπλήσατο θυμὸν
ἀγρίου, πρόσθεν δὲ σάκος στέρνοιο κάλυψεν
καλὸν δαιδάλεον, κόρυθι δ' ἐπένευε φαεινῇ
τετραφάλῳ· καλαὶ δὲ περισσείοντο ἔθειραι
χρύσεαι, ἃς Ἥφαιστος ἵει λόφον ἀμφὶ θαμειάς.—HOM. *Il.*

Discuss the scansion of the second line.

(*c*) Καὶ τότ' ἔπειτ' ἀπέκοψα κόμην τανυφύλλου ἐλαίης,
κορμὸν δ' ἐκ ῥίζης προταμὼν ἀμφέξεσα χαλκῷ
εὖ καὶ ἐπισταμένως, καὶ ἐπὶ στάθμην ἴθυνα,
ἑρμῖν' ἀσκήσας, τέτρηνα δὲ πάντα τερέτρῳ.
ἐκ δὲ τοῦ ἀρχόμενος λέχος ἔξεον, ὄφρ' ἐτέλεσσα.—HOM. *Od.*

State the context and scan the third line.

2. Translate *four* of the following:—

(*a*) Ἀλλ' εὖ γέ τοι κάτισθι μὴ πολλοὺς ἔτι
τρόχους ἁμιλλητῆρας ἡλίου τελῶν,
ἐν οἷσι τῶν σῶν αὐτὸς ἐκ σπλάγχνων ἕνα
νέκυν νεκρῶν ἀμοιβὸν ἀντιδοὺς ἔσει,
ἀνθ' ὧν ἔχεις μὲν τῶν ἄνω βαλὼν κάτω,
ψυχήν τ' ἀτίμως ἐν τάφῳ κατῴκισας.—SOPH. *Antig.*

Discuss the last two lines.

(*b*) Κοὐδέν γε θαῦμα, δέσποτ'. ἀλλ' ἐγὼ σαφῶς
ἀγνῶτ' ἀναμνήσω νιν. εὖ γὰρ οἶδ' ὅτι
κάτοιδεν ἦμος τὸν Κιθαιρῶνος τόπον
ὁ μὲν διπλοῖσι ποιμνίοις, ἐγὼ δ' ἑνὶ
ἐπλησίαζον τῷδε τἀνδρὶ τρεῖς ὅλους
ἐξ ἦρος εἰς ἀρκτοῦρον ἑκμήνους χρόνους.—SOPH. *O. T.*

Discuss the grammar and reading of the last sentence.

(*c*) Φάνηθι ταῦρος ἢ πολύκρανος ἰδεῖν
δράκων ἢ πυριφλέγων ὁρᾶσθαι λέων.
ἴθ', ὦ Βάκχε, τὸν θηραγρέταν βακχᾶν
γελῶντι προσώπῳ περίβαλε βρόχον ἐπὶ θανάσι-
μον ἀγέλαν πεσόντα τὰν μαινάδων.—EUR. *Bacch.*

Discuss the reading and significance of the passage.

(*d*) Καλῶς ἔλεξας. ἓν δὲ προτρέπουσ᾽ ἐγὼ
εὕρημα δῆτα τῆσδε συμφορᾶς ἔχω,
ὥστ᾽ εὐκλεᾶ μὲν παισὶ προσθεῖναι βίον,
αὐτή τ᾽ ὄνασθαι πρὸς τὰ νῦν πεπτωκότα.
οὐ γάρ ποτ᾽ αἰσχυνῶ γε Κρησίους δόμους,
οὐδ᾽ ἐς πρόσωπον Θησέως ἀφίξομαι
αἰσχροῖς ἐπ᾽ ἔργοις οὕνεκα ψυχῆς μιᾶς.—Eur. *Hipp.*

Discuss προτρέπουσ᾽ and δῆτα.

(*e*) Ἄκουε δή νυν· ἀνακαλύψω γὰρ λόγους,
κοὐκέτι παρῳδοις χρησόμεσθ᾽ αἰνίγμασιν.
πρῶτον μὲν, ἵνα σοι πρῶτα ταῦτ᾽ ὀνειδίσω,
ἔγημας ἄκουσάν με κἄλαβες βίᾳ
τὸν πρόσθεν ἄνδρα Τάνταλον κατακτανὼν,
βρέφος τε τοὐμὸν σῷ προσούρισας πάλῳ.—Eur. *I. A.*

Discuss the reading of the last line, and the legend implied in it.

(*f*) Ὡς ἦν ἀλαζὼν καὶ φέναξ, οἵοις τε τοὺς θεατὰς
ἐξηπάτα, μώρους λαβὼν παρὰ Φρυνίχῳ τραφέντας.
πρώτιστα μὲν γὰρ ἕνα τιν᾽ ἂν καθῖσεν ἐγκαλύψας,
Ἀχιλλέα τιν᾽ ἢ Νιόβην, τὸ πρόσωπον οὐχὶ δεικνὺς,
πρόσχημα τῆς τραγῳδίας, γρύζοντας οὐδὲ τουτί.
Arist. *Ranae.*

Explain the allusions and the point of the criticism.

(*g*, *h*) Ἀλλ᾽ ὅτε δὴ ἴδε χῶρον, ὅτις πάτου ἔκτοθεν ἦεν
ἀνθρώπων, καθαρῇσιν ὑπεύδιος εἰαμενῇσιν,
ἔνθ᾽ ἤτοι πάμπρωτα λοέσσατο μὲν ποταμοῖο
εὐαγέως θείοιο τέρεν δέμας· ἀμφὶ δὲ φᾶρος
ἕσσατο κυάνεον, τὸ μέν οἱ πάρος ἐγγυάλιξε
Λημνιὰς Ὑψιπύλη, ἀδινῆς μνημήϊον εὐνῆς.
πηχύϊον δ᾽ ἄρ᾽ ἔπειτα πέδῳ ἔνι βόθρον ὀρύξας
νήησε σχίζας, ἐπὶ δ᾽ ἀρνειοῦ τάμε λαιμὸν,
αὐτόν τ᾽ εὖ καθύπερθε τανύσσατο· δαῖε δὲ φιτροὺς,
πῦρ ὑπένερθεν ἱεὶς, ἐπὶ δὲ μιγάδας χέε λοιβάς.—Apoll. Rhod.

Comment on τέρεν, ἀδινῆς, μιγάδας.

3. Translate *two* of the following :—

(*a*) Ὅκως γάρ τεῳ ἐντύχοι Σπαρτιητέων, ἐνέχραυεν ἐς τὸ πρόσωπον τὸ σκῆπτρον. ποιέοντα δὲ αὐτὸν ταῦτα καὶ παραφρονήσαντα ἔδησαν οἱ προσήκοντες ἐν ξύλῳ· ὁ δὲ δεθεὶς τὸν φύλακον μουνωθέντα ἰδὼν τῶν ἄλλων αἰτέει μάχαιραν· οὐ βουλομένου δὲ τὰ πρῶτα τοῦ φυλάκου διδόναι ἀπείλεε τά μιν αὖτις ποιήσει, ἐς ὃ δείσας τὰς ἀπειλὰς ὁ φύλακος (ἦν γὰρ τῶν τις εἱλωτέων) διδοῖ οἱ μάχαιραν.
Herod. VI.

What other versions does Herodotus give of this man's end?

(*b*) Λέγουσι τυχεῖν ἐν Σούσοισι τοῖσι Μεμνονίοισι ἐόντας ἑτέρου πρήγματος εἵνεκα ἀγγέλους Ἀθηναίων Καλλίην τε τὸν Ἱππονικου καὶ τοὺς μετὰ τούτου ἀναβάντας, Ἀργείους δὲ τὸν αὐτὸν τοῦτον χρόνον πέμψαντας καὶ τούτους ἐς Σοῦσα ἀγγέλους εἰρωτᾶν Ἀρτοξέρξεα τὸν Ξέρξεω εἴ σφι ἔτι ἐμμένει ἐθέλουσι τὴν πρὸς Ξέρξην φιλίην συνεκεράσαντο, ἢ νομιζοίατο πρὸς αὐτοῦ εἶναι πολέμιοι.

HEROD. VII.

Explain the allusions and the context.

(*c*) Καὶ εἰ γνώμῃ ἁμάρτοι, τοῖς αὑτοῦ κακοῖς ὀλοφυρθεὶς τάχ' ἂν ἴσως καὶ τοῖς ἐμοῖς ἀγαθοῖς ποτὲ βουληθείη αὖθις φθονῆσαι. ἀδύνατον δὲ προεμένῳ, καὶ μὴ τοὺς αὐτοὺς κινδύνους, οὐ περὶ τῶν ὀνομάτων ἀλλὰ περὶ τῶν ἔργων, ἐθελήσαντι προσλαβεῖν· λόγῳ μὲν γὰρ τὴν ἡμετέραν δύναμιν σώζοι ἄν τις, ἔργῳ δὲ τὴν αὑτοῦ σωτηρίαν.

THUC. VI.

Who was the speaker, and where?

(*d*) Ἀθρόοι γὰρ ἀναγκαζόμενοι χωρεῖν ἐπέπιπτόν τε ἀλλήλοις καὶ κατεπάτουν, περί τε τοῖς δορατίοις καὶ σκεύεσιν οἱ μὲν εὐθὺς διεφθείροντο, οἱ δὲ ἐμπαλασσόμενοι κατέρρεον. ἐς τὰ ἐπὶ θάτερά τε τοῦ ποταμοῦ παραστάντες οἱ Συρακόσιοι (ἦν δὲ κρημνῶδες) ἔβαλλον ἄνωθεν τοὺς Ἀθηναίους, πίνοντάς τε τοὺς πολλοὺς ἀσμένους, καὶ ἐν κοίλῳ ὄντι τῷ ποταμῷ ἐν σφίσιν αὐτοῖς ταρασσομένους.

THUC. VII.

What was the river? Give the events of the two preceding days.

(*e*) Πολύ τε πρὸς τὰ δεινά, ἐπειδή περ ὑπέστη, φερεγγυώτατος ἐφάνη. καὶ Θηραμένης ὁ τοῦ Ἅγνωνος ἐν τοῖς ξυγκαταλύουσι τὸν δῆμον πρῶτος ἦν, ἀνὴρ οὔτε εἰπεῖν οὔτε γνῶναι ἀδύνατος. ὥστε ἀπ' ἀνδρῶν πολλῶν καὶ ξυνετῶν πραχθὲν τὸ ἔργον οὐκ ἀπεικότως, καίπερ μέγα ὄν. προὐχώρησεν.—THUC. VIII.

Who is referred to in the first words? What other judgments have we upon Theramenes?

4. Translate *two* of the following :—

(*a*) Καὶ δὴ καὶ οἱ νέοι ταῦτα παρ' ἐμοῦ μανθάνουσιν, ἃ ἔξεστιν ἐνίοτε, εἰ πάνυ πολλοῦ, δραχμῆς ἐκ τῆς ὀρχήστρας πριαμένοις Σωκράτους καταγελᾶν, ἐὰν προσποιῆται ἑαυτοῦ εἶναι, ἄλλως τε καὶ οὕτως ἄτοπα ὄντα.—PLAT. *Apol.*

Explain the allusions.

(*b*) Εἰ δὲ τοῦτο οὕτως ἔχει, οὐδενὶ προσήκει θάνατον θαρροῦντι μὴ οὐκ ἀνοήτως θαρρεῖν, ὃς ἂν μὴ ἔχῃ ἀποδεῖξαι ὅτι ἔστι ψυχὴ παντάπασιν ἀθάνατόν τε καὶ ἀνώλεθρον· εἰ δὲ μή, ἀνάγκην εἶναι ἀεὶ τὸν μέλλοντα ἀποθανεῖσθαι δεδιέναι ὑπὲρ τῆς αὑτοῦ ψυχῆς, μὴ ἐν τῇ νῦν τοῦ σώματος διαζεύξει παντάπασιν ἀπόληται.—PLAT. *Phaed.*

Who is speaking? Summarize his argument here.

(*c*, *d*) Μὴ γὰρ τοῦτο μὲν τὸ ζῆν, ὁπόσον δὲ χρόνον τόν γε ὡς ἀληθῶς ἄνδρα ἐατέον ἐστὶ καὶ οὐ φιλοψυχητέον, ἀλλὰ ἐπιτρέψαντα περὶ τούτων τῷ θεῷ καὶ πιστεύσαντα ταῖς γυναιξὶν ὅτι τὴν εἱμαρμένην οὐδ᾽ ἂν εἷς ἐκφύγοι, τὸ ἐπὶ τούτῳ σκεπτέον τίν᾽ ἂν τρόπον τοῦτον ὃν μέλλοι χρόνον βιῶναι ὡς ἄριστα βιῴη, ἆρα ἐξομοιῶν αὑτὸν τῇ πολιτείᾳ ταύτῃ ἐν ᾗ ἂν οἰκῇ, καὶ νῦν δὲ ἄρα δεῖ σὲ ὡς ὁμοιότατον γίγνεσθαι τῷ δήμῳ τῷ Ἀθηναίων, εἰ μέλλεις τούτῳ προσφιλὴς εἶναι καὶ μέγα δύνασθαι ἐν τῇ πόλει; τοῦθ᾽ ὅρα εἰ σοὶ λυσιτελεῖ καὶ ἐμοί, ὅπως μή, ὦ δαιμόνιε, πεισόμεθα ὅπερ φασι τὰς τὴν σελήνην καθαιρούσας, τὰς Θετταλίδας· σὺν τοῖς φιλτάτοις ἡ αἵρεσις ἡμῖν ἔσται ταύτης τῆς δυνάμεως τῆς ἐν τῇ πόλει. -Plat. *Gorg.*

Explain the allusion in the last sentence.

(*e*) Τὴν δ᾽ ἀπογραφὴν εἶναι τοῖς βουλομένοις ἐξοικεῖν, τοῖς μὲν ἐπιδημοῦσιν ἀφ᾽ ἧς ἂν ὀμόσωσιν τοὺς ὅρκους δέκα ἡμερῶν, τὴν δ᾽ ἐξοίκησιν εἴκοσι, τοῖς δ᾽ ἀποδημοῦσιν ἐπειδὰν ἐπιδημήσωσιν κατὰ ταὐτά. μὴ ἐξεῖναι δὲ ἄρχειν μηδεμίαν ἀρχὴν τῶν ἐν τῷ ἄστει τὸν Ἐλευσῖνι κατοικοῦντα πρὶν ἂν ἀπογράφηται πάλιν ἐν τῷ ἄστει κατοικεῖν.—Arist. *Ath. Pol.*

Explain and give the date of this decision.

(*f*) Ἀλλ᾽ αἱρετὴν ἔδει τὴν ἀρχὴν εἶναι ταύτην ἐξ ἁπάντων μέν, μὴ τὸν τρόπον δὲ τοῦτον ὃν νῦν· παιδαριώδης γάρ ἐστι λίαν. ἔτι δὲ καὶ κρίσεών εἰσι μεγάλων κύριοι, ὄντες οἱ τυχόντες, διόπερ οὐκ αὐτόγνώμονας βέλτιον κρίνειν ἀλλὰ κατὰ τὰ γράμματα καὶ τοὺς νόμους. ἔστι δὲ καὶ ἡ δίαιτα αὐτῶν οὐχ ὁμολογουμένη τῷ βουλήματι τῆς πόλεως.—Arist. *Pol.*

What office is in question? Explain the criticisms.

GREEK PROSE AND UNPREPARED TRANSLATION—THREE HOURS.

1. Translate into Greek :—

Thus while in private and personal matters each Athenian was suffered to please himself, without any tyrannous public opinion to make him feel uncomfortable, the same freedom of will did but unite the people, one and all, in concerns of national interest, because obedience to the magistrates and the laws was with them a sort of passion, to shrink from dishonour an instinct, and to repress injustice an indulgence. They could be splendid in their feasts and spectacles without extravagance, because the crowds whom they attracted from abroad repaid them for the outlay : and such large hospitality did but cherish in them a frank unsuspicious and courageous spirit, which better protected them than a pile of state secrets and exclusive laws. Nor did this joyous mode of life relax them as it might have done a less noble race; they were warlike without effort and expert without training and rich in resource by the gift of nature, and, after their fill of pleasure, they were only more gallant in the field and more enduring on the march.—J. H. Newman.

2. Translate into English:

Ἔνθα δυστάνων βροτῶν
ψυχὰς ἐδάη παρὰ Κωκυτοῦ ῥεέθροις,
οἷά τε φύλλ' ἄνεμος
Ἴδας ἀνὰ μηλοβότους
πρῶνας ἀργηστὰς δονεῖ.
ταῖσιν δὲ μετέπρεπεν εἴδω-
λον θρασυμέμνονος ἐγ-
χεσπάλου Πορθαονίδα.
τὸν δ' ὡς ἴδεν Ἀλκμήνιος θαυμαστὸς ἥρως
τεύχεσι λαμπόμενον,
νευρὰν ἐπέβασε λιγυκλαγγῆ κορώνας·
χαλκεόκρανον δ' ἔπειτ' ἐξ-
είλετο ἰόν, ἀνα-
πτύξας φαρέτρας πῶμα. τῷ δ' ἐναντία
ψυχὰ προφάνη Μελεάγρου,
καί νιν εὖ εἰδὼς προσεῖπεν·
υἱὲ Διὸς μεγάλου,
στᾶθί τ' ἐν χώρᾳ, γελανώσας τε θυμὸν
μὴ ταΰσιον προΐει
τραχὺν ἐκ χειρῶν ὀϊστὸν
ψυχαῖσιν ἔπι φθιμένων.
οὔ τοι δέος.

GREEK GENERAL PAPER—Two Hours.

(*Candidates should attempt not less than* FIVE *and not more than* SEVEN *questions.*)

1. Discuss the position of Book IX. in the *Iliad*, in respect of subject-matter and of language.

Or, Criticise the following statement: 'Apollonius had a larger horizon than Homer, and knew the language and style of the Epos fully as well as the latest poets of the *Odyssey*.'

2. Discuss such of the following as come from your special books:—

(*a*) Προβᾶσ' ἐπ' ἔσχατον θράσους
ὑψηλὸν ἐς Δίκας βάθρον
προσέπεσες, ὦ τέκνον, πολύ.
πατρῷον δ' ἐκτίνεις τιν' ἆθλον.

What is the attitude of the Chorus towards Antigone?

(*b*) Ἡ δ' ὀξύθηκτος ἥδε βωμία πέριξ
λύει κελαινὰ βλέφαρα.—SOPH. *Antig.*

(*c*) Μήπω μ' ἐρώτα· τὸν δὲ Λάϊον φύσιν
τίν' εἶχε φράζε, τίνα δ' ἀκμὴν ἥβης ἔχων.

(*d*) ΟΙ. Ἦ γὰρ δίδωσιν ἥδε σοι; ΘΕ. μάλιστ', ἄναξ.
ΟΙ. ὡς πρὸς τί χρείας; ΘΕ. ὡς ἀναλώσαιμί νιν.
SOPH. *O. T.*

Is this consistent with what is stated elsewhere?

(*e*) Φοιτᾷ γὰρ καὶ διὰ λίμνας
χέρσον θ' ὑπὲρ πελάγους
δίναισιν νοτίας ἅλμας.

(*f*) Ἦ μέγα μοι τὰ θεῶν μελεδήμαθ', ὅταν φρένας ἔλθῃ,
λύπας παραιρεῖ·
ξύνεσιν δέ τιν' ἐλπίδι κεύθων
λείπομαι ἔν τε τύχαις θνατῶν καὶ ἐν ἔργμασι λεύσσων.
EUR. *Hipp.*

(*g*) Ἔσται δ' ἱππολόφων τε λόγων κορυθαίολα νείκη,
σχινδαλάμων τε παραξόνια, σμιλεύματά τ' ἔργων,
φωτὸς ἀμυνομένου φρενοτέκτονος ἀνδρὸς
ῥήμαθ' ἱπποβάμονα.—ARIST. *Ranae.*

(*h*) What tragedies are most quoted in the *Ranae*?

3. What traces are there in the *Gorgias* or the *Apology* or Aristotle's *Politics* of the historical or personal circumstances under which those works were composed? Quote passages to illustrate your answer.

4. Discuss the credibility of Herodotus in the Greek and non-Greek portions of history respectively.

Or, Draw a plan of the siege of Syracuse: in what degrees do you consider different persons or parties responsible for the failure?

5. What are the chief moot questions with regard to the Greek stage?

6. In what Greek writers do we find the clearest traces of the influence of external nature on their art?

7. Analyze fully the character of Antigone, or Macaria, or Heracles, or Creon in Greek tragedy.

8. Write a short history of Corcyra or of Ephesus up to 404 B.C.

9. Summarize the relations of Greece to Cyprus and Egypt down to the end of the fifth century B.C.

B.—GROUP OF MENTAL PHILOSOPHY.

LOGIC.

FIRST PAPER—THREE HOURS.

(*Select* FIVE *of the following.*)

1. Discuss fully the points of agreement and difference between the views of Hume and Kant on the ground of inference respecting facts.

2. Discuss the view expressed in the following extract: "All the phenomena of nature are, in their ultimate analysis, known to us only as facts of consciousness; . . . but, facts of consciousness are interpretable only by the methods and the formulae of physics."

3. 'There is really only one universe.' Is this an analytical proposition? If not, on what ground may it be rested?

4. 'Definitions constitute the *terminus ad quem*, not the *terminus a quo* of knowledge.' Discuss this.

5. Discuss the significance assigned by Kant to unity of self-consciousness, taking into account its relation (*a*) to the categories of understanding, (*b*) to the ideas of reason.

6. "Psychology is not a part of philosophy, if by philosophy is meant either metaphysics, a search after a general view of the universe, or a critical science of the nature and limits of knowledge." Discuss, giving your own view of the province of psychology and its relation to philosophy.

7. "The distinction between the possible and the actual existence of things has merely subjective validity for the human understanding." Discuss this, taking fully into account what Kant has to say on contingency.

8. Discuss the meaning and range of application of the notion of evolution or development.

SECOND PAPER—Three Hours.

(*Select* FIVE *of the following.*)

1. 'The Eleatic and Megaric philosophy is compelled to deny, while Plato consistently affirms the existence of the world of generation.' Comment on this.

2. "The Ideas explain neither the knowledge nor the existence of the changeable things of sense." Discuss.

3. State clearly the position assigned to ideas in the *Timaeus*, and consider the relation of the view there taken (*a*) to the representation of ideas in the Republic, (*b*) to the statements of Aristotle regarding Plato.

4. On what grounds has it been held that immortality of the individual soul is inconsistent with the principles of the Platonic theory?

5. "It is true that space is only in my head; but empirically my head is in space." Discuss the implications of the view expressed in this passage.

6. 'Spinoza's metaphysic is but the elaboration of the imperfect notion of whole and part.' Explain and discuss.

7. 'The real is unchangeable.' 'Only that which changes is real.' Discuss these counter positions.

8. Examine the various senses in which the terms Realism and Idealism have been employed.

MORAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Trace the growth of Plato's Theory of Ideas.

2. "Happiness is a kind of speculation or contemplation." Indicate the significance of this view in relation to Aristotle's theory of the moral life.

3. 'Plato considered the State mainly from the point of view of the ruler, Aristotle mainly from the point of view of the subject.' How far can this distinction be justified in detail?

4. With what justice is Spinoza's ethical system described as Naturalistic?

5. What are the defects of the idea of *Duty* as a regulative conception in Ethics? Discuss this question with specific relation to Kant's view.

6. "Kant's individualism led him to regard religion as only an external complement to morality." Discuss this statement.

7. It has been proposed to substitute for the 'utilitarian' criterion of 'happiness,' the 'evolutionist' criterion of 'health.' What is the significance of this change and what is its value for Ethical theory?

SECOND PAPER.—Three Hours.

1. "It is not given to the individual but to the race to realize the moral ideal." Examine this view.

2. Can a practical political ideal be based upon "Liberty, Equality, Fraternity"?

3. Discuss the possibility of defining the moral ideal.

4. Can the idea of 'The Good' be employed as a metaphysical category?

5. "Intuitionalism even though its method may not be valid has been a valuable protest against abstract ethical theories." Discuss this statement with reference to the history of recent English thought.

6. Compare Hegel's view of the relation of the finite to the infinite with Spinoza's.

7. Can the whole be real, if it be a whole of Appearances? Has the distinction between appearance and reality any ontological significance?

C.—GROUP OF MATHEMATICS AND NATURAL PHILOSOPHY.

MATHEMATICS.

FIRST PAPER—Three Hours.

1. Show how, by substituting ωx, $\omega^2 x$ for x, where ω is a cube root of unity, or otherwise, to sum every third term of a series of known sum, and hence show that if $x < 1$,

$$3\left(x - \frac{x^4}{4} + \frac{x^7}{7} \cdots\cdots\right) = \log(1 + x) - \log(1 - x + x^2) + \sqrt{3}\tan^{-1}\frac{x\sqrt{3}}{2x - 1}.$$

2. In any spherical triangle ABC prove that

$$\sin A / \sin a = \sin B / \sin b = \sin C / \sin c.$$

If P be any point inside the triangle ABC, show that

$$(\cot PAB + \cot PAC) / \sin BPC \sin AP$$

is equal to either of the two corresponding expressions.

3. State Napier's Rules and from them give, or otherwise prove, for a right-angled spherical triangle the results in such a triangle connecting (1) a, b, c, (2) A, B, c.

In a right-angled spherical triangle, if E be the spherical excess, show that $\cos E/2 = \cos a/2 \cos b/2 \sec c/2$.

4. Show that the circle circumscribing three tangents to a parabola goes through the focus. (Geometry.)

5. If Y, Z are the feet of the perpendiculars from the foci S, H on the tangent at P to an ellipse, show that Y, Z lie on the auxiliary circle and that $SY \,.\, HZ = BC^2$.

With this notation if the tangents at Y, Z to the auxiliary circle meet in Q, show that $CQ : CD :: CA : CB$, where CD is the conjugate semidiameter to CP, and that PQ is at right angles to the major axis. (Geometry.)

6. A point on the parabola $y^2 = 4ax$ has parameter k if its coordinates are $(ak^2, 2ak)$. If two points Q, Q' have parameters $m+n$, $m-n$ respectively, give a geometrical interpretation for m.

QQ' is normal at Q, QS is joined and cuts the parabola again at P, show that the diameter at P bisects QQ'.

7. Show that in general four normals can be drawn from any point to the ellipse $x^2/a^2 + y^2/b^2 = 1$, and that the feet of the normals lie on a rectangular hyperbola, which also passes through the point and the origin.

If the point be (f, g), and the feet of the normals be P_1, P_2, P_3, and P_4, show that $SP_1 + SP_2 + SP_3 + SP_4 = 4a - 2f/e$ where S is the focus (ae, o).

8. Show that if $\alpha = 0$, $\beta = 0$, $\gamma = 0$ are three straight lines, then the equation $\alpha\beta = \gamma^2$ is a conic such that $\alpha = 0$, $\beta = 0$ are a pair of tangents of which $\gamma = 0$ is the chord of contact.

Hence, or otherwise, find the equations of the pairs of tangents to the conic $ax^2 + 2hxy + by^2 + 2gx + 2fy + c = 0$, parallel to the axes, which are rectangular, and from these write down the equation of the director circle.

9. What are the circular points at infinity, and why are they so named? State their property in connection with a system of confocals, and briefly mention how it is proved.

10. Carefully define the curvature of a curve, and prove Newton's expression $\mathcal{L}\,x^2/2y$ or $\mathcal{L}\,(x^2+y^2)/2y$ for the radius of curvature.

The curve $x^2y^2 = (a+y)^2(2a^2-y^2)$ has a node, find it and the radii of curvature at it of the two branches through it.

11. Find the real circular sections of the ellipsoid $x^2/a^2 + y^2/b^2 + z^2/c^2 = 1$, and if $a > b > c$, show that the central circular section is of radius b.

Find the radius of the parallel section at distance p from the origin.

12. Find the equations giving the direction-cosines of the generators of $x^2/a^2 + y^2/b^2 - z^2/c^2 = 1$ passing through the point (f, g, h), and show that the points at which the generators are at right angles lie on a sphere, centre the origin.

Interpret the equation

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} \quad 1 = \left(\frac{fx}{a^2} + \frac{gy}{b^2} - \frac{hz}{c^2}\right)^2 - 1,$$

and deduce the condition that the generators at Q, where P is the point (f, g, h), and PQ a diameter, appear to an eye at P at right angles.

13. Prove that the equation

$$5x^2 + 5y^2 + 8z^2 + 8yz + 8zx - 2xy + 12x - 12y + 6 = 0$$

represents a cylinder whose cross-section is an ellipse of eccentricity $1/\sqrt{2}$, and give the equations of its line of centres.

14. In a tortuous curve define principal normal and binormal, and prove an expression for the tortuosity in terms of the direction cosines of the binormal.

From the centre of a sphere of unit radius radii are drawn parallel to the tangents to a given tortuous curve. Find the direction-cosines of the tangent and the binormal to the locus of their ends in terms of the elements of the original curve, and show that the radius of circular curvature of the locus is $\sigma/(\rho^2 + \sigma^2)^{\frac{1}{2}}$.

SECOND PAPER—THREE HOURS.

1. Give a general method for the summation of n terms of a series whose general term is $\phi(n) \,.\, x^n$ where $\phi(n)$ is a rational integral function of n.

Sum the series $1^2 + 2^2x + 3^2x^2 + \ldots$ to n terms.

2. Give the relations between the symmetric functions of the products of the roots of an equation and the coefficients of it.

If x_1, x_2, x_3, x_4 are the four roots of the equation $x^4 + px + q = 0$, show that the equation with roots $(x_1 + x_2)$ and the five corresponding quantities is $\lambda^6 - 4q\lambda^2 + p^2 = 0$.

3. State and prove Leibnitz's Theorem in successive differentiation.

Differentiate $\log\tan(\frac{1}{4}\cos^{-1}x) + \sqrt{\frac{1}{2}(1+x)}$, and show that if y is this function of x,

$$2\sqrt{2}(1-x)\frac{d^{n+1}y}{dx^{n+1}} - 2n\sqrt{2}\frac{d^ny}{dx^n} = (-1)^n \frac{1 \,.\, 3 \,.\, 5 \ldots (2n-3)}{2^n}(1+x)^{-n+\frac{1}{2}}.$$

4. Prove the conditions that a function of two independent variables x, y should have a maximum or minimum value, and show how to discriminate between these.

5. Show how to integrate a rational fraction of the form $\dfrac{f(x)}{\phi(x)}$, where the equation $\phi(x) = 0$ has repeated imaginary roots.

Evaluate $\displaystyle\int \frac{3x^3 + x^2 - x - 1}{(x^2+1)^2(x-2)}dx.$

6. Prove an expression for the length of a curve whose equation is given in Cartesian coordinates.

Find the length of the curve $ay^2 = x^3$ from the origin to the point (a, a), and the Cartesian equation of the curve when $3s = (x-1)^{\frac{1}{2}}(x+2)$.

7. Investigate the value of $\frac{\partial u}{\partial c}$ where $u = \int_a^b \phi(x, c)dx$ and b, a may be functions of c. Consider the case where $b = \infty$.

Show that $\int_0^1 \frac{\tan^{-1} mx dx}{x\sqrt{1-x^2}} = \frac{\pi}{2}\sinh^{-1} m.$

8. Show how to find the complementary function of a linear equation with constant coefficients, examining the case where the auxiliary equation has r equal real roots.

Solve the equation $\frac{d^3y}{dx^3} - 3\frac{dy}{dx} + 2y = x^2e^x$.

9. Find the condition that

$$\left(X_n\frac{d^ny}{dx^n} + X_{n-1}\frac{d^{n-1}y}{dx^{n-1}} + \dots + X_1\frac{dy}{dx} + X_0y\right)dx$$

should be a perfect differential, X_0, X_1, …, X_n being functions of x.

Show that if the equation

$$\frac{d^2y}{dx^2} - x^2\frac{dy}{dx} - (x+1)^2y = 0$$

be made exact by multiplying it by z, then z satisfies a certain equation of which e^x is a solution; hence solve the original equation.

10. Solve the equations,

$$\text{(i.) } y = 4xp + p^3, \qquad \text{(ii.) } px + q(2x - y) = x.$$

11. Find the general equation of the curve such that, if P, Q, R, S be any four successive points whose abscissae differ by unity, and the ordinates of Q and R intersect PS in M and N, RN will always be in a constant ratio to QM.

12. If $y = (1 - 2\mu h + h^2)^{-\frac{1}{2}}$, show that

$$\frac{d}{d\mu}\left\{(1-\mu^2)\frac{dy}{d\mu}\right\} + \frac{d}{dh}\left\{h^2\frac{dy}{dh}\right\} = 0$$

and deduce a differential equation satisfied by $P_n(\mu)$, the coefficient of h^n in the expansion of y.

Evaluate $\int_{-1}^1 P_m(\mu)P_n(\mu)d\mu$.

Show that if a_0, a_1, a_2, … a_n are independent of μ, and if

$$a_0P_0 + a_1P_1 + \dots + a_nP_n = F(\mu),$$

then will

$$a_0 + a_1x + a_2x^2 + \dots + a_nx^n = \tfrac{1}{2}(1 - x^2)\int_{-1}^1 (1 - 2\mu x + x^2)^{-\frac{3}{2}}F(\mu)d\mu.$$

13. Prove the identities

$$J_{n-1}(x) \quad J_{n+1}(x) = 2\frac{dJ_n(x)}{dx},$$

$$\frac{d}{dx}\{x^n J_n(x)\} = x^n J_{n-1}(x).$$

Express $J_3(x)$ in terms of differential coefficients of $J_0(x)$.

14. Prove that

$$J_n(x) = \frac{x^n}{\sqrt{\pi}\,.\,2^n\Gamma(n+\frac{1}{2})}\int_0^\pi \cos(x\cos\phi)\sin^{2n}\phi\,d\phi$$

satisfies the equation

$$x^2\frac{d^2u}{dx^2} + x\frac{du}{dx} + (x^2 - n^2)u = 0,$$

if $n+\frac{1}{2}$ is real and positive.

On the expansion of this, how do we get the second solution of the differential equation when n is not an integer?

Show, by Rodrigues' form for $P_k(\mu)$, or otherwise, that if $n = k + \frac{1}{2}$, where k is an even positive integer,

$$\sqrt{2\pi}J_n(x) = \sqrt{x}\int_{-1}^{1}\cos(\tfrac{1}{2}k\pi - x\mu)\,P_k(\mu)\,d\mu,$$

where $P_k(\mu)$ is the kth zonal harmonic.

NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. State Pappus' Theorems.

Find the volume of the solid formed by rotating one loop of Bernoulli's Lemniscate $r^2 = a^2\cos 2\theta$ round a line in its plane through the pole perpendicular to its line of symmetry.

2. Investigate the tension of a heavy inextensible string lying on a rough curve in a vertical plane, expressing it as an integral.

A heavy particle is attached to an endless, light, inextensible string, which passes over a rough pulley fixed in a vertical plane. If the straight parts of the string are inclined to each other at an angle α, show that, for limiting equilibrium, their inclinations to the vertical are $\tan^{-1}\dfrac{\sin\alpha}{\cos\alpha + \epsilon^{+\mu(\alpha+\pi)}}$ where μ is the coefficient of friction.

3. Prove the principle of Relative Velocities and Accelerations.

A particle moving in a plane curve with velocity v has component accelerations along the tangent and normal $v\dfrac{dv}{ds}$ and $\dfrac{v^2}{\rho}$, show this and also that another particle, always moving with the corresponding centre of curvature, has component accelerations in the directions parallel to the former, $-\dfrac{v^2}{\rho}\dfrac{d\rho}{ds}$, and $v\dfrac{d}{ds}\left(v\dfrac{d\rho}{ds}\right)$.

4. Prove in Central Forces the equation

$$P = h^2u^2\left(u + \frac{d^2u}{d\theta^2}\right).$$

A particle falls from rest at infinity towards the origin under a force $\mu/r^3 + 2\mu a^2/r^5$ till it reaches a distance a from it; it is then without change of velocity deflected through an angle of 45°. Show that the orbit now described is $r = a(1 - \theta)$.

5. Prove that a branch of a hyperbola can be described under an attractive force μ/r^2 towards the focus inside the branch or under a repulsive force μ/r^2 from the other focus.

Can the branch or part of it be described under these two forces together?

6. A heavy particle moves on a plane curve which revolves uniformly with angular velocity ω about a vertical axis, show that the position of relative equilibrium is given by the equation $\omega^2 r\frac{dr}{ds} = g\frac{dz}{ds}$, where r is the distance of the particle from the axis, and the z axis is vertical.

If the curve be a circle, axis of rotation a diameter, find this position of equilibrium and show that the time of an oscillation of the particle about it is $2\pi\sqrt{a\cos\alpha/g\sin^2\alpha}$, where α is the angle the normal in this position makes with the vertical and a the radius of the circle.

7. Define moment of inertia about an axis, and prove the relation between the moment of inertia of a rigid body about an axis and that about a parallel axis through the centre of gravity.

Find the moment of inertia of a semi-ellipse bounded by the minor axis about a line through the centre of gravity parallel to this axis.

8. Determine the equations of impulsive motion in two dimensions.

Two lengths, $2a$, $2b$, are cut from the same uniform rod, and being freely jointed at one end of each are placed in a straight line on a smooth table. A blow which, when applied to a particle of mass M, equal to the collective masses of the two rods, would make it start off with velocity V, is applied perpendicularly to the free end of the rod of length $2a$. Show that, the farther end of the rod of length $2b$ being free, the kinetic energy set up is $\frac{1}{2}MV^2(4a + 3b)/a$.

9. Prove the principle of the Conservation of Angular Momentum.

A gun is mounted in a turret, and is discharged before clamping the turret. Find the angular velocity of the turret in terms of the muzzle velocity of the projectile (mass m), and show that the aberration of the projectile is θ, where $\tan\theta = mbc/(MK^2 + mb^2)$, where MK^2 is the moment of inertia of the turret and gun about the axis of the turret, c is the distance of the axis of the barrel (supposed horizontal) from the axis of the turret, and $\sqrt{(b^2 + c^2)}$ is the distance of the muzzle from the same axis.

10. If θ, ϕ... be independent coordinates of a system, and if the coordinates x, y, z of any particle m can be expressed in terms of θ, ϕ... in an integrated form, then show that

$$\Sigma m(\ddot{x}\delta x + \ddot{y}\delta y + \ddot{z}\delta z) = \left\{\frac{d}{dt}\left(\frac{\delta T}{\delta\theta}\right) - \frac{\delta T}{\delta\theta}\right\}\delta\theta + \ldots$$

and hence write down the equations of finite motion in such a system.

What modifications are made for problems of small oscillations about a position of relative equilibrium?

A unit mass rests on a smooth table, and is subject to the tensions of three equal and similar elastic strings joining it to three points on the table. Find the equation for the periods of the oscillations about the position of equilibrium.

11. Find the attraction on a particle according to the Newtonian law of an infinite straight line.

A homogeneous prism, whose section is a triangle ABC, attracts according to this law. Show that the attraction on a particle at A is equivalent to components,

$$4\mu\Delta\,(\text{radian measure of } A)/a, \quad 4\mu\Delta\log\frac{b}{c}\Big/a,$$

in directions perpendicular to and parallel to BC, where μ is an arithmetical constant, and Δ is the area of the triangle ABC.

12. Prove that the work which would have to be done to remove all the particles of a gravitating system to an infinite distance from one another is $\frac{1}{2}\int\int\int\rho V\,dx\,dy\,dz$, where ρ is the density at the point (x, y, z), and V is the potential at this point, and integration is performed over the system.

If the system consists of a uniform sphere of mass m and radius a, find the work required.

SECOND PAPER—THREE HOURS.

1. (a) Enunciate a general proposition of minimum energy for a material system set suddenly in motion from rest, by which the answers to the following questions can be found :—

(i.) A homogeneous solid bounded by a figure of revolution being given at rest, a point in its axis at distance a from its centre of inertia, is suddenly set in motion with velocity v in any direction perpendicular to the axis. What are the translational velocity of the centre of inertia, and the rotational velocity round an axis through it, in the consequent motion of the body?

(ii.) A portion of incompressible fluid is given in any shape. By impulsive pressure a stated normal component velocity is suddenly produced at every point of its boundary, subject only to the condition of constant volume. What is the initial velocity and direction of motion at any point of the liquid?

(b) Interpret "suddenly" in each of these statements.

(c) Answer question (i.).

(d) Explain hydrodynamical conclusions drawn from (a) applied to (ii.).

2. Investigate the general equations of motion of a fluid.

Apply them to the case of steady irrotational motion of an incompressible fluid under no other force than gravity; and for this case prove the formula

$$p = -\tfrac{1}{2}fq^2 + gz,$$

explaining the notation. Hence find the efflux-velocity through a piece of straight pipe of length three or four times its diameter, fixed vertically in the bottom of a very large vessel filled with water to a given height above the lower end of the pipe.

3. Investigate wave motion in a canal of depth D, with plane bottom and vertical sides. Work out particularly for the case of D very small in comparison with the wave-length.

4. A mass of liquid, density ρ, whose external surface is a long circular cylinder of radius a and which is subject to a constant pressure Π, surrounds a coaxial long circular cylinder of radius b. The internal cylinder is suddenly destroyed, show that if v is the velocity at the internal surface when the internal radius is r, then

$$\rho v^2 r^2 \log\{(r^2 + a^2 - b^2)/r^2\} = 2\Pi(b^2 - r^2).$$

5. Explain the method of finding the stream lines of a liquid moving irrotationally in two dimensions by the help of conjugate functions.

6. Prove that the velocity of propagation of waves of length λ in a liquid, whose depth is large compared with λ, is $\sqrt{g\lambda/2\pi}$.

If σ is the density of air, and ρ that of water, show that a first approximation taking σ into account to the velocity of propagation of the waves at the surface is $\sqrt{g\lambda/2\pi}(1 - \sigma/\rho)$.

7. Describe Carnot's ideal reversible engine, taking for example air as the thermodynamic substance. State the cycle of operations in such a manner as not to assume the materiality of heat.

State the relation between work done in the whole cycle, and heat taken in and given out in two of the operations.

Define absolute temperature.

8. A glass tube three metres long and two centimetres bore with one end closed is held vertical with open end up and filled full with cold water. Five or six small sharp pieces of glass are dropped into it, and three thermometers are hung in it; one close to the bottom, one in the middle, one near the top. The lower end is slowly and cautiously heated by a lamp flame. Describe everything notable, including the readings of the thermometers, until bubbles of steam begin to escape at the top.

9. Prove Ampère's formula for the attraction between two elementary lengths of wire carrying currents. What must be the values of the constants in your equation, that the electrodynamic unit current may agree with the electromagnetic unit current?

10. A charged condenser of capacity K is discharged by a wire of ohmic resistance R and self-induction L. Investigate the nature of the discharge and hence deduce the conditions for (1) continuous, (2) oscillatory discharge.

Explain how, in the case of an oscillatory discharge, the period has been experimentally determined.

11. A small portion of an infinite homogeneous solid initially at uniform temperature is suddenly heated by a finite quantity q of heat; find the temperature at time t at a distance r from the place thus primitively heated.

12. Investigate the distribution of heat at time t in an infinitely long bar in which initially the temperature is a given arbitrary function $f(x)$, fulfilling the condition of periodicity $f(x + ip) = f(x)$. Explain the relation of this solution to Fourier's for the ring.

D.—GROUP OF ENGLISH (LANGUAGE, LITERATURE, AND BRITISH HISTORY).

FIRST PAPER—Two Hours.

ANGLO-SAXON.

I. Translate :—

1. Ðā ēode hē furður oð hē gemētte ðā graman gydena ðe folcisce men*n* hātað *Parcas*, ðā hī secgað ðæt on nānum men*n* nyton nāne āre, ac ǣlcum men*n* wrecen be his gewyrhtum; þā hī secgað ðæt walden ǣlces mannes wyrde. Ðā ongon*n* hē biddan heora miltse; ðā ongunnon hī wēpan mid him. Ðā ēode hē furður, ond him urnon ealle hellwaran ongēan, ond lǣddon hine tō hiora cininge, ond ongunnon ealle sprecan mid him, ond biddan þæs ðe hē bæd. Ond þæt unstille hwēol ðe Ixion wæs tō gebunden, Levita cyning, for his scylde, ðæt oðstōd for his hearpunga, ond Tantulus se cyning, ðe on ðisse worulde ungemetlice gīfre wæs, ond him ðǣr ðæt ilce yfel fyligde ðǣre gīfernesse, hē gestilde.

2. Þā gewāt Eadweard cyncg, and fēncg Æþelstān tō rīce. Þa Godan sǣl þuhte, þā gesohte hē þone kynincg Æþelstān, and bæd þæt hē him geþingude wiþ Eadgife his bōca edgift. And se cyncg þā swā dyde. And hēo him ealle āgef būton Osterlandes bēc. And hē þā bōc unnendre handa hire tō lēt, and þāra ōþerra mid ēaðmēttum geþancude; and ufen an þæt twelfa sum hire āþ sealde, for geborenne and ungeborenne, þæt þis ǣfre gesett spǣc wǣre. And þis wæs gedōn on Æþelstānes kynincges gewitnesse and his wytena æt Hamme wiþ Lǣwe.

3. Ān þēodwita wæs on Brytta tīdum, Gildas hātte, sē āwrāt be heora misdǣdum, hū hī mid heora synnan swā oferlīce swȳðe God gegræmedon þæt hē lēt æt nȳhstan Engla here heora eard gewinnan, and Brytta duguðe fordōn mid ealle. And þæt wæs geworden, þæs þe hē sǣde, þurh gelǣredra regolbryce and ðurh lǣwedra lahbryce, þurh rīcra rēaflāc, and ðurh gītsunge wōhgestrēona, ðurh lēoda unlaga, and ðurh wōhdōmas, ðurh bisceopa āsolcennesse and unsnotornesse, and ðurh lȳðre yrhðe Godes bydela, þe sōðes geswūgedan ealles tō gelōme, and clūmedan mid cēaflum þǣr hȳ scoldan clypian, ðurh fūlne ēac folces gǣlsan, and ðurh oferfylla and mænigfealde synna heora eard hȳ forworhton, and sylfe hī forwurdan.

4. Is þes *æ*nga styde *u*ngelīc swīðe
þām *ō*ðrum þe wē *ǣ*r cūðon,
*h*ēan on *h*eofonrīce, þe mē mīn *h*earra onlāg,
þēah wē hine for þām *A*l*l*waldan *ā*gan ne mōston,
*r*ōmigan ūres *r*īces. Næfð hē þēah *r*iht gedōn
þæt hē ūs hæfð be*f*ælled *f*ȳre tō botme,
*h*elle þǣre *h*ātan, *h*eofonrīce benumen,
hafað hit ge*m*earcod mid *m*on*n*cynne
tō ge*s*ettanne.

5. Is þæt *t*ohrte lond *t*welfum hērra
*f*olde *f*æðmrīmes, swā ūs ge*f*reogun glēawe
*w*ītgan þurh *w*īsdōm on ge*w*ritum cȳþað,
þonne ǣnig þāra *b*eorga þe hēr *b*eorhte mid ūs
*h*éa *h*līfiað under *h*eofontunglum.
*S*mylte is se *s*igewong, *s*un*n*bearo līxeð,
*w*uduholt *w*ynlic: *w*æstmas ne drēosað,
*b*eorhte *b*lēde, ac þā *b*ēamas á
*g*rēne stondað, swā him *G*od bibēad;
*w*intres and sumeres *w*udu bið gelīce
*b*lēdum gehongen; nǣfre *b*rosniað
*l*ēaf under *l*yfte, ne him *l*īg sceþeð
*ǣ*fre tō *ea*ldre, ǣr þon *e*dwenden
*w*orulde ge*w*eorðe.

6. '*Ea*ll is *ea*rfoðlic *eo*rþan rīce,
onwendeð *w*yrda gesceaft *w*eoruld under heofonum.
Hēr bið *f*eoh lǣne, hēr bið *f*rēond lǣne,
hēr bið *m*on*n* lǣne, hēr bið *m*ǣg lǣne:
*ea*l*l* þis *eo*rþan gesteal*l* *ī*del weorþeð.'
Swā cwæð *s*nottor on mōde, gesæt him *s*undor æt rūne.
*T*il biþ sē þe his *t*rēowe gehealdeð: ne sceal nǣfre his *t*orn tō rycene
*b*eorn of his *b*reōstum ācȳþan, nemþe hē ǣr þā *b*ōte cunne,
*eo*rl mid *e*lne gefremman. Wel bið þām þe him *ā*re sēceð,
*f*rofre tō *F*æder on heofonum, þǣr ūs eal*l* sēo *f*æstnung stondeð.

II. Translate, with notes:—

1. Hū wēne gē hwelce sibbe þā weras hæfden ǣr þǣm cristendōme, þonne heora wīf swā monigfeald yfel dōnde wǣron on þiosan middangearde?

2. On þȳs gēare, þæt wæs ymb twelf mōnað þæs þe hie on

þǣm ēastrīce geweorc geworht hæfdon, Norþhymbre ond Eastengle hæfdon Ælfrede cyninge āþas geseald, ond Eastengle foregīsla VI.

3. Ealā mycel magan manege gȳt hēr-tōēacan ēaþe beðencan þæs ðe án man*n* ne mihte on rǣdinge āsmēagean hū earmlīce hit gefaren is nū ealle hwīle wīde gynd þās ðēode.

4. Sumne *G*ēata lēod
of *fl*ānbogan *f*ēores getwǣfde,
ȳðgewinnes, þæt him on *a*ldre stōd
*h*erestrǣl *h*earda; hē on *h*olme wæs
*s*undes þe *s*ǣnra ðe hyne *s*wylt fornam.

5. *F*eala worda gespæc
se *e*ngel *o*fermōdes.

6. Þēah hē *g*ræf wille *g*olde strēgan,
*b*roþor his ge*b*orenum *b*yrgan be dēadum
*m*āþmum *m*islicum, þæt hī ne *m*id wille:
ne mæg þǣre *s*āwle, þe biþ *s*ynna ful*l*,
*g*old tō *g*ēoce for *G*odes egsan.

III. Parse the following words, and explain the peculiarities, if any, of their formation: urnon, āh, fēo, handa, gierede, cucone, lēac, cīest, fēhþ.

IV. What light is thrown by Anglo-Saxon poetry upon the character of the Saxon people, and on their manners and customs?

SECOND PAPER—Two Hours.

MIDDLE ENGLISH.

(*Answer the first* TWO *questions first.*)

I. Translate:—

1. For ne uuæren næure nan martyrs swa pined alse hi wæron. Me henged up bi the fet and smoked heo*m* mid ful smoke. Me henged bi the þu*m*bes. other bi the hefed. and hengen bryniges on [her] fet. Me dide cnotted strenges abuton here hæued. and uurythen to ð it gæde to þe hærnes. Hi dyden heo*m* in quarterne þar nadres and snakes and pades wæron inne. and drapen heo*m* swa. Sume hi diden in crucethus ð is in an cæste þat was scort and nareu. and un-dep. and dide scærpe stanes þer-inne. and þrengde þe man þær-inne. ð hi*m* bræcon alle þe limes.

2. *Beati qui habitant. et cetera.* Eadi beoð þeo lau*er*d. þe iþin hus wunieð ha schulen herien þe from worlde i*n*to worlde. Ha beoð alle ase lihte *ant* as swifte as þe sunne gleam þe scheot f*ro*m east into west. ase þin ehe-lid tuneð ant openeð for hwer-se-eau*er* þe gast wule þe bodi is anan-riht wið-ute lettunge. for ne mei ham na þing aȝeines etstonden. for euch an is al mihti to don al þ*at* he wule. ȝe makie to cwakien heouene ba *ant* eorðe wið his an finger. Sikere ha beoð of al þis of þulli lif. of þulli wit. of þulli luue *ant* gleadunge þrof. *ant* of þulli blisse. þ*at* hit ne mei neauer mare lutlin ne wursin. ne neome nan ende.

3. Quaþ horn, 'So C*ri*st me rede
We schulle chaungi wede:
Haue her cloþes myne
And tak me þi sclauyne.
Today i schal þer drinke
Þ*at* some hit schulle of-þinke.'
His sclauyn he gan dun legge,
And Horn hit dude on rigge,
He tok horn his cloþes,
Þ*at* nere him noȝt loþe.
Horn tok burdon *and* scrippe,
And [to-]wro*n*g his lippe.
He makede hi*m* a ful chere
And al bicolwede his swere.

4. Lau*er*d, in þi telde wha sal wone?
In þi hali hill*e* or wha rest*e* mone?
Whilke þat incomes wemles,
And ai wirkes rightwisenes;
Þat spekes sothnes in hert his,
And noght dide swikeldome in tung his,
Ne dide to his neghburgh iuel ne gram;
Ne ogaines his neghburgh vpbraiding nam.
To noght es led*e* lither in his sight;
And dredand Lau*er*d he glades right.
He þat to his neghburgh sweres,
And noght biswikes him ne deres.
Ne his siluer til okir noght es giuand;
Ne giftes toke ou*er* vnderand.
Þat does þese night and dai,
Noght sal he be stired in ai.

5. Þe*n*ne wafte he vpon his wyndowe · & wysed þ*er*-oute
A message fro þat meyny · hem moldeȝ to seche,
Þat watȝ þe rauen so ronk · þat rebel watȝ eu*er*;
He watȝ colored as þe cole · corbyal vn-trwe;
& he fongeȝ to þe flyȝt · & fa*n*neȝ on þe wyndeȝ.
Houeȝ hyȝe vpon hyȝt · to herken tyþy*n*ges.
He croukeȝ for comfort · when carayne he fyndeȝ
Kast vp on a clyffe · þer costese lay drye;
He hade þe smelle of þe smach · & smolt*e* þeder sone,
Falleȝ on þe foule flesch · & fylleȝ his wombe,
& sone ȝederly for-ȝete · ȝister-day steuen,
How þe cheuetayn hy*m* charged · þ*a*t þe kyst ȝemed.
Þe rauen raykeȝ hy*m* forth · þat reches ful lyttel
How alle fodeȝ þer fare · elleȝ he fynde mete;
Bot þe burne by*n*ne borde · þat bod to hys come,
Ba*n*ned hy*m* ful bytt*er*ly · w*it*h best*es* alle samen.

6. Þ*er* ys also anoþ*er* maner whyt marl; þe lond ys þe betre four score ȝer þ*a*t þ*er*-wiþ ys y-marled. Yn þis ylond groweþ a ston þ*a*t hatte gagates; ȝef me axeþ hys feyrnesse—a ys blak as gemmes buþ; ȝef me axeȝ hys kunde—a brenneþ yn wat*er* & quencheþ in oyle; ȝif me axeþ hys myȝt—ȝif a ys yfroted & yhat, a holdeþ what hym neyȝheþ; ȝef me axeþ hys goodnes—hyt heeleþ þe dropesy & hyt be ydrongke; ytend yn þe fuyr, hyt fereþ a-way s*er*pentes; ȝef hyt ys hat, hyt holdeþ what hym neyȝheþ, as succinis a ston þ*a*t so hatte.

II. Comment, in the case of each of the above passages, on (*a*) the dialect, (*b*) foreign elements in the language, (*c*) any further noticeable points.

III. Explain and discuss the distinction commonly drawn between Early and Late Middle English.

IV. Write notes on the linguistic and literary characteristics of any three of the following: *The Ormulum*, *The Ancren Riwle*, *King Horn*, *Cursor Mundi*, *William of Palerne*.

THIRD PAPER—Two Hours.

GENERAL HISTORY OF ENGLISH LITERATURE (1350-1660).

(*Answer about* FIVE *Questions.*)

1. How far is it possible to account for the flourishing of literature in the second half of the fourteenth century?

2. In what respects is Scottish poetry from 1350 to 1660 national?

3. How does religious controversy influence literature between 1350 and 1500?

4. Give some account of the life and works of Sir Thomas More.

5. Trace the evolution of the English drama to the time of Udall and Sackville.

6. 'The *Faery Queen* is the work of an unformed literature, the product of an unperfected art.' Can you explain and justify this criticism?

7. Describe the characteristics of Elizabethan prose style, referring to some of the most important authors.

8. Trace the influence of Puritanism on literature from the rise of the Puritan party to the Restoration.

9. Write short notes on the following: *Troy Book*, *The Advancement of Learning*, *The Steel Glass*, *England's Helicon*, *The Temple*, *Leviathan*.

FOURTH PAPER—Two Hours.

GENERAL HISTORY OF ENGLISH LITERATURE (1660-1897.)

(*Answer about* FIVE *Questions.*)

1. Into what 'periods' or 'epochs' would you divide the history of English literature from 1660 to 1897?

2. Discuss the influence of classical upon English literature in the times of Dryden and Pope.

3. Write an estimate of *Robinson Crusoe* or *Gulliver's Travels*.

4. How does philosophical writing between 1660 and 1760 reflect the spirit of the time?

5. Trace signs of the 'romantic' revival in Gray, Sterne, Goldsmith, Cowper.

6. Compare Johnson and Carlyle as critics, or Fielding and George Eliot as novelists.

7. How far does the phrase 'return to nature' indicate the character of imaginative literature from Burns to Keats?

8. 'Our best literature since 1825 combines the merits of the age of Pope with those of the age of Scott.' Discuss.

9. Write notes on the following: *Religio Laici*, *Night Thoughts*, *Clarissa Harlowe*, *The Friend*, *Paracelsus*, *Apologia pro Vita sua*.

FIFTH PAPER—Two Hours.

SHAKESPEARE.

(*Answer about* FIVE *questions.*)

1. 'A philosophical aristocrat.' Discuss this description of Shakespeare.

2. Does Shakespeare's habit of borrowing his plots indicate want of originality? If not, how may it be explained?

3. What traces of Shakespeare's youthful life may be detected in the plays?

4. Discuss the influence of Marlowe upon Shakespeare. In what plays is it most conspicuous?

5. Trace the history of Shakespeare's versification, and illustrate by reference to some play of the first period, of the period of the tragedies, and of the closing period.

6. In what plays is Shakespeare believed to have collaborated with other writers? Discuss the evidence.

7. What is gained and lost through Shakespeare's practice of intermingling comedy with tragedy? Illustrate by a comparison of Shakespeare's tragedies with any purely tragic drama.

8. Discuss the relation of the First and Second Quartos of *Hamlet*, or the evidence for the dates of two of the following: *Richard II.*, *Measure for Measure, King Lear, The Tempest.*

9. In what context do the following expressions occur? Annotate them: 'A babbled of green fields; Know, Caesar doth not wrong, nor without cause will he be satisfied; In the cup an union shall he throw; It's spritely, waking, audible, and full of vent; Thy banks with pioned and twilled brims; Bring them, I pray thee, with imagined speed unto the tranect.

SIXTH PAPER—Two Hours.

SHAKESPEARE.

(*Answer about* FIVE *questions.*)

1. 'Shakespeare's priests always carry with them our love and respect.' Discuss.

2. Do you think Shakespeare ever errs by making the language of prosaic characters too poetic?

3. 'To some extent Shakespeare's fools play the part of the Greek Chorus.' Discuss.

4. Why is *King Lear*, as a rule, less effective on the stage than *Othello*?

5. Is it true that Shakespeare has drawn no entirely good and no entirely bad character?

6. What do you think are the most important misconceptions regarding the character of Hamlet?

7. Write an estimate of *The Merchant of Venice*, or *Antony and Cleopatra*, or *A Winter's Tale.*

8. Discuss any two of the following characters: Helena, Imogen, Romeo, Richard II., Cassius.

9. What is the effect of the following characters on the plays in which they appear: Lady Macbeth, Menenius, Touchstone, Fluellen?

N.B.—Papers on *Addison*, *Burns*, *Shelley*, *Keats*, and *Scott*, were also set.

SEVENTH PAPER—Two Hours.

BRITISH HISTORY, 1603–1714.

(*Not more than* FIVE *questions should be attempted.*)

1. Illustrate from James I.'s reign his ignorance of English sentiment and of English Common Law.

2. What influence was exerted by foreign politics upon the relations of Charles I. with his first three parliaments?

3. Compare the generalship on the Cavalier and Roundhead sides during the Civil War.

4. What do you understand by "Puritanism"? Estimate the strength and the persistency of Puritanism as a political force in England.

5. Can it be said that the Great Rebellion and the Commonwealth left any permanent results in Scotland?

6. Describe the contemporary conditions which led to the adoption of Sir William Temple's Scheme. Why was it a failure?

7. Describe political parties in the reigns of William III. and Anne, and account for their respective political creeds.

8. Is it correct to ascribe to Marlborough the sole, or the chief, credit for the victories gained by the allied forces in the War of the Spanish Succession?

EIGHTH PAPER—Two Hours.

BRITISH HISTORY, 1603–1714.

1. Bring out the full significance of the following passages, and their bearing upon Milton's general argument:

(*a*) The prelates, as they would have it thought, are the only mauls of schism. . . . As for the rending of the Church, we have many reasons to think it is not that which ye labour to prevent, so much as the rending of your pontifical sleeves.

(*b*) What can the Irish subjects do less in God's just displeasure against us than revenging upon English bodies the little care that our prelates have had of their souls? . . . The Scots by their upright and loyal deeds have now brought themselves an honourable name to posterity.

(*c*) So long as the Church in true imitation of Christ can be content to ride upon an ass, carrying herself and her government along in mean and simple guise, she may be, as he is, a lion of the tribe of Judah; and in her humility all men with loud hosannas will confess her greatness.

2. Give Milton's answer to the question, "Why, among free persons, one man by civil right should bear authority and jurisdiction over another?"

3. Explain the historical allusions in the following passages :

(*a*) Was not the Cause at first begun
With perjury and carried on ?
Did not our worthies of the House,
Before they broke the peace, break vows ?
For, having freed us first from both
The Allegiance and Supremacy Oath,
Did they not next compel the nation
To take and break the Protestation ?
To swear and after to recant
The solemn League and Covenant ?

To take the Engagement and disclaim it,
Enforced by those who first did frame it ?
Did they not swear to live and die
With Essex, and straight laid him by ?
Did they not swear in express words
To prop and back the House of Lords ?
And after turned out the whole house-full
Of peers, as dangerous and unuseful ?
So Cromwell, with deep oaths and vows,
Swore all the Commons out o' the House.

(*b*) The wished occasion of the Plot he takes,
Some circumstances finds, but more he makes,

. . . . . .

And proves the king himself a Jebusite.

(*c*) The thrifty Sanhedrim shall keep him poor.

(*d*) For never Hebronite, tho' kicked and scorned,
To his own country willingly returned.

4. Estimate, from a consideration of Dryden's writings, the value of contemporary satire as an authority for later history.

5. "A beardless chief, a rebel ere a man,
So young his hatred to the Prince began.

. . . . . .

The loudest bagpipe of the squeaking train."

Identify this character, and compare Dryden's description of his conduct under the Commonwealth with that of Butler in *Hudibras*.

6. Comment upon the following passages, pointing out their bearing upon Swift's general argument :

(*a*) If a house be on fire, it behoves all in the neighbourhood to run with buckets to quench it ; but the owner is sure to be undone first, and it is not impossible that those at next door may escape by a shower from heaven, or the stillness of the weather, or some other favourable accident.

(*b*) When our armies take a town in Flanders, the Dutch are immediately put into possession, and we at home make bonfires. I have sometimes pitied the deluded people, to see them squandering away their fuel to so little purpose.

(*c*) Whether this war was prudently begun or no, it is plain that the true opening of it was the aggrandizing of a particular family; and, in short, a war of the general and ministry, and not of the prince or people.

(*d*) If any one should ask why our general continued so easy to the last, I see no other way so probable, or indeed so charitable, to account for it, as by that immeasurable love of wealth which his best friends allow to be his predominant passion.

7. "We might have been happy enough if the last war had not been followed by that wise Treaty of Partition which revived the flame that has lasted ever since." Discuss this.

NINTH PAPER—Two Hours.

I. BRITISH HISTORY, 1714–1815.

(*Not more than* FIVE *questions should be attempted.*)

1. Account for the comparative ease and security with which the House of Hanover came to the throne.

2. Are there any grounds for questioning the ordinary opinion that the powers of the Crown were seriously diminished under George I. and George II.?

3. "The War of American Independence was virtually a second English Civil War." Discuss this.

4. What circumstances or conditions turned the balance in the struggle between the French and English in India?

5. Trace and account for the growth of humanitarian sentiment during this period.

6. Sketch briefly the events in Ireland leading up to the Act of Union.

7. Can you trace during this period any notable changes in the composition and principles of the Tory party?

8. Give some account of the social, political and economic condition of Scotland at the time of the Napoleonic wars.

TENTH PAPER—Two Hours.

II. BRITISH HISTORY, 1714–1815.

1. (*a*) "I do not know the method of drawing up an indictment against a whole people."

(*b*) "I reprobate no form of government merely upon abstract principles."

(*c*) "Whenever a separation is made between liberty and justice, neither in my opinion is safe. The liberty, the only liberty I mean, is liberty combined with order."

Discuss these sentiments as characteristic elements in Burke's political creed, and show the use which he makes of them in argument.

2. "This unnatural infusion of a system of favouritism into a government, which, in a great part of its constitution, is popular, has raised the present ferment in the nation."

How does Burke account for the 'distempers of Parliament' in 1770, and what cures does he propose?

3. Was Burke a revolutionist in 1770 and a reactionary in 1790?

4. "Burke's speeches on American Taxation are an excellent example at once of his constitutional preference for expediency and of the persuasiveness of his oratory." Examine this statement.

5. What paved the way for the easy institution of the Napoleonic Empire? Did Burke foresee this result of the Revolution?

6. Summarize Burke's exposure of the Revolutionary treatment of the Church in France.

7. Explain the allusions in the following passages :—

(*a*) It may appear somewhat affected, that in so much discourse upon this extraordinary party, I should say so little of the Earl of Bute, who is the supposed head of it. But this was neither owing to affectation nor inadvertence.

(*b*) This commercial motive never was believed by any man either in America, which this letter is meant to soothe, or in England, which it is meant to deceive.

(*c*) It is now given out for the usual purposes by the usual emissaries, that Lord Rockingham did not consent to the repeal of this Act until he was bullied into it by Lord Chatham.

(*d*) I do not think, sir, that the reason of this averseness in the dissenting churches, from all that looks like absolute government, is so much to be sought in their religious tenets as in their history.

(*e*) I do not recognize in this view of things the despotism of Turkey. Nor do I discern the character of a government that has been on the whole so oppressive, or so corrupt, or so negligent, as to be utterly unfit *for all reformation.* I must think such a government well deserved to have its excellencies heightened, its faults corrected, and its capacities improved into a British constitution.

(*f*) The power of the city of Paris is evidently one great spring of all their politics.

E.—GROUP OF HISTORY.

FIRST PAPER—THREE HOURS.

HISTORY OF THE CONSTITUTION AND CONSTITUTIONAL LAW.

(*Not more than* SEVEN *questions should be attempted, and these should include question* 1.)

1. Translate and explain briefly the following passages :—

(*a*) Pars multae regi vel civitati, pars ipsi qui vindicatur vel propinquis ejus exsolvitur.

(*b*) Adsit ad judicium minister episcopi cum clericis suis et Justitia regis cum legalibus hominibus provinciae illius, ut videant et audiant quod omnia aeque fiant; et quos salvaverit Dominus per misericordiam suam et justitia eorum, quieti sint et liberi abscedant.

(*c*) Sciatis me concessisse civibus meis Londoniarum, tenendum Middlesex ad firmam pro CCC. libris ad compotum, ipsis et haeredibus suis, de me et haeredibus meis, ita quod ipsi cives ponent vicecomitem qualem voluerint de se ipsis, et justiciarium qualem voluerint de seipsis, ad custodiendum placita coronae meae et eadem placitanda; et nullus alius erit justitiarius super ipsos homines Londoniarum.

(*d*) Cum didicisset quod terra et homines terrae nimis gravati essent ex tanta justitiarum multitudine, quia octodecim erant numero; per consilium sapientium regni sui quinque tantum elegit, duos scilicet clericos et tres laicos, et erant omnes de privata familia sua. Et statuit quod illi quinque audirent omnes clamores regni, et rectum facerent, et quod a curia regis non recederent, sed ibi ad audiendum clamores hominum remanerent.

(*e*) Et ad habendum commune consilium regni, de auxilio assidendo aliter quam in tribus casibus praedictis, vel de scutagio assidendo, summoneri faciemus archiepiscopos, episcopos, abbates, comites, et majores barones, sigillatim per literas nostras; et praeterea faciemus summoneri in generali, per vicecomites et ballivos nostras, omnes illos qui de nobis tenent in capite.

(*f*) Dominus rex ad instantiam magnatum regni sui, concessit, providit et statuit, quod de cetero liceat unicuique libero homini terram suam seu tenementum sive partem inde pro voluntate sua vendere; ita tamen quod feoffatus teneat terram illam seu tenementum de eodem capitate domino et per eadem servitia et consuetudines per quae feoffator suus illa prius tenuit.

2. What various theories have been held about the origin of the following: The burh, the frank pledge, villein tenure?

3. To what extent may feudalism be said to have existed in England before William I., *or* in Scotland before David I.?

4. Compare the sources of revenue of a Scottish king with those of an English king in the fourteenth century.

5. How far was the Scottish Parliament in the time of James I. indebted for its forms to the example of England or to that of France?

6. Summarize the new powers usurped by or granted to the Tudor sovereigns.

7. Trace throughout British history the principle of "no taxation without representation."

8. Describe the origin and the functions of the Justices of the Peace.

9. Compare and contrast the constitutional clauses of the Scottish and Irish Acts of Union.

10. Examine the various views taken by eighteenth century lawyers on the following:—

General Warrants;
the Law of Libel;
the power of the House of Commons to expel or commit members.

11. Discuss the position of soldiers in Great Britain with regard to their civil rights and liabilities.

12. Point out the influence of the French Revolution in deferring the accomplishment of particular constitutional "reforms."

SECOND PAPER—THREE HOURS.

I. CONSTITUTIONAL HISTORY OF THE SEVENTEENTH CENTURY.

(*Candidates should not attempt more than* SEVEN *questions.*)

1. State accurately the points in dispute between King and Parliament at the following epochs: 1610, 1629, 1642.

2. Explain the method of trial by Star Chamber, and show where it differed from a trial at Common Law.

3. "The union which James I. desired to propose to his first parliament would have proved unsatisfactory to both kingdoms." Illustrate this statement.

4. What is meant by a Petition of Right? On what grounds did the English House of Commons use this method in 1628?

5. Give the substance of *any two* of the following: Articles of Perth, Bishops' Declinator, Grand Remonstrance, Newcastle Propositions.

6. In what respects was the publication of the Prayer-book and Canons in 1636-7 a violation of the constitution of Scotland?

7. Summarize the arguments of Royalist and Parliamentarian on the limits of Royal Prerogative, with special reference to the cases of Rex *v.* Hampden and Godden *v.* Hales.

8. Illustrate from the events of 1638-9 the constitutional weakness of the Scottish Estates.

9. Illustrate from the history of the period the changes in the lawyers' views as to (*a*) Treason, (*b*) Responsibility of Ministers.

10. What were the principal sources of the Royal revenue in both kingdoms in the year 1640?

11. Discuss, with special reference to the war, the constitutional difficulties of the King in calling out an armed force in England.

12. Trace the causes of the failure of the Committee of both Kingdoms and of the Westminster Assembly.

THIRD PAPER—THREE HOURS.

II. CONSTITUTIONAL HISTORY OF THE SEVENTEENTH CENTURY.

(*Candidates should not attempt more than* SEVEN *questions, and these should include* 1, 2, *and* 3.)

1. Comment briefly upon the following, explaining the context:

(*a*) The Scots, the first day of the great Council, presented an humble petition to His Majesty, whereupon the Treaty was appointed at Ripon.

(*b*) Pour vous le faire entendre plus particulièrement, elle vous dit qu'elle est preste de confirmer pour trois ans le Gouvernement Presbytérial puisqu'il a esté pour ce temps estably par les deux maisons.

(*c*) His Majesty, so soon as he can with freedom, honour and safety, be present in a free Parliament, is content to confirm the said League and Covenant by Act of Parliament in both kingdoms.

(*d*) The duty I owe to God in the preservation of the true liberty of my people will not suffer me at this time to be silent; for how can any free-born subject of England call life or anything he possesseth his own, if power without right daily make new, and abrogate the old fundamental laws of the land, which I now take to be the present case?

(*e*) That the persons who shall be elected to serve in Parliament, shall be such (and no other than such) as are persons of known integrity, fearing God, and of good conversation, and being of the age of twenty-one years.

(*f*) That the power of making war is only in the Lord Protector and the Parliament.

2. Comment on the following statements of Mr. S. R. Gardiner:

(*a*) "The suspicion of danger which may have been entertained when Bate's case was adjudged in the Exchequer was converted into a certainty in 1608."

(*b*) "Commonwealth and Protectorate were alike the creation of the army."

(*c*) "It was to this union of the Cavaliers and the Parliamentary Presbyterians that the Restoration was due."

3. Comment on these statements of Hallam:

(*a*) "Cromwell's usurpation of the title of Protector was a necessary and wholesome usurpation, however he may have caused the necessity."

(*b*) "Whether the grand jury of London, in their celebrated *ignoramus* on the indictment preferred against Shaftesbury, had sufficient grounds for their incredulity I will not pretend to determine."

(*c*) "Thus began the schism of the nonjurors, more mischievous in its commencement than its continuance."

4. Compare the checks on the power of Charles devised by the Heads of the Proposals (August, 1647) with those imposed on Cromwell by the Instrument of Government.

5. Indicate the main theories on the relation of Church and State prevalent in England and Scotland during the Commonwealth and Protectorate.

6. Examine the justice of the dictum: "A little sober study of the 'Instrument of Government' shows it to be an attempt not to invent something entirely new, but to revert to the Elizabethan system whilst adapting it to the changed conditions of the time."

7. "Historically government by influence did really begin at the time when Parliament began to be permanent." How far do the last 40 years of the seventeenth century support this dictum of Prof. Seeley?

8. How far was the doctrine that "religious beliefs form no valid ground of exclusion from public office" recognized in the reigns of Charles II. and William III. respectively?

9. Estimate the constitutional importance of the Case of the Seven Bishops (*a*) as a constitution to the development of legal theory, (*b*) as a factor contributing to the Revolution of 1688.

10. Comment on the dictum that "William, able as he was as a foreign statesman, had never a clear insight into the working of the English Constitution."

FOURTH PAPER—Three Hours.

I. EUROPEAN HISTORY, 1715–1815.

Candidates should not attempt more than SEVEN *questions, and these should include question* 1.)

1. Translate the following passages, with short explanatory comments:

(*a*) La situation de la cour de Vienne par rapport à l'Angleterre est tellement relative aux affaires intérieures de l'Empire, qui touchent particuliérement le roi de la Grande-Bretagne comme électeur de Hanovre, que l'on peut compter que, tant que ces affaires ne seront pas terminées, et que d'ailleurs on ne donnera pas aux Anglois de justes défiances des intentions du roi, l'empereur trouvera toujours de la résistance de la part du roi d'Angleterre. (1725.)

(*b*) On se contentera d'expliquer ici en un mot que cette succession n'est disputée qu'entre le prince de Sulzbach et le roi de Prusse. Le premier, comme héritier de l'électeur palatin, a le droit le plus apparent, outre qu'au fond il est le plus légitime, et d'ailleurs le roi a des engagements secrets avec l'électeur pour lui assurer cette succession. L'empereur est aussi disposé à prendre les mêmes engagements au moyen de la garantie que donnera l'électeur palatin de la pragmatique sanction. Ces engagements du roi et de l'empereur envers l'électeur palatin doivent demeurer dans le plus grand secret. (1737.)

(*c*) C'est dans ces circonstances que le roi de Prusse commençoit à s'attacher secrètement à l'Angleterre dans la vue d'unir plus fortement à lui le parti des princes protestants et dans l'espoir de conjurer l'orage qui le menaçoit en Russe. (1757.)

(*d*) L'Empereur, à l'exemple de ses prédécesseurs, a une tendence naturelle à étendre son autorité et son influence dans l'Empire, et Sa Majesté Impériale n'est arrétée que par le Roi de Prusse. (1783.)

2. Enumerate the territories ruled by the Emperor Charles VI., explain their geographical position, and estimate their strength or weakness.

3. Discuss the arguments for and against the neutrality observed by Great Britain during the war of the Polish Succession.

4. Account for the prolongation of the Austrian Succession War after the collapse of the coalition against Maria Theresa in the winter of 1742-3.

5. Note the chief stages in the growth of Russian influence in the politics of Europe, and show how it altered the general character of international relations.

6. What arguments may be advanced to show that Frederick's invasion of Saxony in 1756 was impolitic?

7. Estimate the importance of French intervention in the war between Great Britain and the North American colonies.

8. "La cour de Vienne sent bien qu'en pesant exactement les avantages mutuels, les siens l'emportent sur les nôtres." Examine the justice of this estimate of the relative advantages of the Austro-French Alliance.

9. Explain the difference between the *pays d'étâts* and the *pays d'élections* in France. Is there any reason to believe that the former were more prosperous and better administered?

10. Illustrate and account for the diminished importance of Sweden between the death of Charles XII. and the accession of Gustavus III.

11. Estimate the merits of Choiseul as minister in France.

12. Can it be fairly said that Poland deserved no better fate than that which befel her in the eighteenth century?

FIFTH PAPER—Three Hours.

II. EUROPEAN HISTORY, 1715–1815.

(*Candidates should not attempt more than* SEVEN *questions.*)

1. Explain the allusions in the following passages:

(*a*) Count Falkenstein left Peterhoff on Wednesday. He has for ever given a very severe stroke to the King of Prussia's influence, so deep a one that I almost doubt its recovery. (1780.)

(*b*) Je vous dis que c'est une *Nullité Armée*, mais je la soutiendrai toujours. (1780.)

(*c*) In most points England and Holland were of the same opinion. Peace on the continent, through their mediation, without any of the belligerent powers being losers or gainers by the war, was their object. Prussia was less moderate, and disposed to mix up views of aggrandisement with the general pacification. Thorn and Dantzig and a restoration of part of Galicia to the Poles was a point long insisted on by the Cabinet of Berlin. (1790.)

(*d*) The marshal declaimed with vehemence against Count Haugwitz, and was disposed to deny the right the Maritime Powers had to dispose of the army, and to insist that the Treaty was one of union and reciprocity between the three Powers, and that the King of Prussia had the same right of opinion as to the disposal of the troops as either of the other two. (1794.)

2. Illustrate from Arthur Young's Travels in France his prejudices (*a*) in favour of large farms, and (*b*) against state regulation of the corn trade.

3. Give the substance of Arthur Young's criticism on the following:

- (*a*) the game laws;
- (*b*) the Province of Britanny in 1788 and 1789;
- (*c*) the declaration of June 23, 1789.

4. Illustrate from Malmesbury the causes of the diplomatic triumph of Great Britain in the United Provinces in 1787-8.

5. Summarize Malmesbury's account of the failure of his negotiations at Paris in 1796.

6. "Rousseau would have been very much astonished at some of the applications of his doctrines in the first five years of the French Revolution." Illustrate this statement.

7. What were the reasons of the "policy of observation" towards western affairs adopted by Catherine II. from 1792 to 1796?

8. Account for the complete collapse of Prussia in the campaign of Jena.

9. Discuss the principal measures of internal reform and consolidation carried through by Napoleon during the Consulate.

10. Discuss and illustrate with maps the best methods and routes for a French army desirous of striking at the heart of the Austrian power.

11. Summarize the evils inflicted upon the mercantile world by the prolonged struggle between Great Britain and France from 1793 to 1815.

12. Point out the main political and military difficulties of the Duke of Wellington *either* in the Peninsular War, *or* in the Hundred Days.

SIXTH PAPER—THREE HOURS.

I. BRITISH HISTORY TO 1837.

(*Not more than* SEVEN *questions should be attempted.*)

1. Account for the ease with which the Anglo-Saxons advanced westwards during the first fifty years of their occupation of Britain. What causes made their subsequent progress more slow?

2. Compare the importance of the reigns of Offa and Edward the Elder.

3. Give some account of the progress of the Church in Scotland from the settlement of Iona to the death of David I.

4. How far did contemporary conditions aid or impede William I. in effecting the conquest of England?

5. Describe the continental policy of Henry II.

6. Trace, with a map, the gradual consolidation of the Scottish Kingdom down to the accession of James IV.

7. On what allies could Edward III. count in the first period of the Hundred Years' War, and what use did he make of them?

8. Compare the causes of the deposition of Richard II. in England with those of the murder of James I. in Scotland.

9. Comment upon *any two* of the following passages:—

(*a*) Godricum eum vocantes et Godgivam uxorem suam.

(*b*) Summus pontifex excommunicavit barones nominatim et in specie. (1215.)

(*c*) Ainsi furent les alliances de ce temps faites entre le roy Phelippe de France et le roi David d'Escoce, qui se tinrent fermes et estables un lonch temps.

(*d*) There is no bar
To make against your highness' claim to France
But this, which they produce from Pharamond:
'No woman shall succeed in Salique land.'

10. Discuss the permanent effects of the Black Death on English History.

11. Illustrate from the history of the English tenure of Calais the advantages and disadvantages to an island kingdom of the possession of a fortified post on a neighbouring continent.

12. Trace the changes in the attitude of the Scottish government towards the struggle of the Lancastrians and Yorkists.

SEVENTH PAPER—Three Hours.

II. BRITISH HISTORY TO 1837.

(*Not more than* SEVEN *questions should be attempted.*)

1. Discuss the statement that Wolsey was an imitative rather than an original politician.

2. Estimate the importance of the year 1559 in the history (*a*) of the Reformation, and (*b*) of the relations between England and Scotland.

3. Was religion or commerce the chief cause of the war with Spain, under Elizabeth?

4. How did the accession of James VI. to the English throne affect his authority as King of Scotland?

5. Trace the progress of English colonization to the end of the seventeenth century.

6. Give some account of the relations of England with the United Provinces between 1603 and 1688.

7. Discuss the policy of William III. in concluding the Partition Treaties of 1698 and 1699.

8. "The Revolution gave to the aristocracy the exclusive direction of the machine of government, but on the implied condition of directing it in the interest of the commercial middle classes." Discuss this statement.

9. Describe and account for the disorganized condition of political parties at the accession of George III.

10. Can the younger Pitt be regarded as a great foreign minister?

11. Note the chief naval successes of Great Britain between 1793 and and 1805, and estimate the importance of each.

12. Trace the relations of this country with the Holy Alliance.

III.—FOR DEGREE OF B.Sc.

A.—IN PURE SCIENCE.

FIRST EXAMINATION.

1. Mathematics.—See pp. 471—473.
2. Natural Philosophy.—See pp. 473—476.
3. Chemistry.—See p. 533.
4. Botany.—See p. 534.
5. Zoology.—See p. 534.

FINAL EXAMINATION.

CHEMISTRY.

NINE *questions* ONLY *to be attempted, of which* TWO *must be taken from each of the first three sections, and* THREE *from the last section.*

A.

1. Indicate precisely what is involved in the formula NH_3 assigned to ammonia gas. How would you determine the composition of the gas?

2. Explain what is meant by the "Dissociation Theory of Solution." What is its connection with the theory of Avogadro?

3. Describe methods for obtaining the molecular weight of two of the following: (1) Sulphur Monochloride, (2) Urea, (3) Butyric Acid, and (4) Orthololuidine.

B.

4. Describe the "Bessemer Process." What do you know regarding the nature of steel?

5. Describe the metallurgy of any one of the following metals: Aluminium, Nickel, Copper.

6. Discuss the constitution of the class of bodies known as alloys.

C.

7. State briefly what you know regarding the preparation and properties of the following bodies: Bichromate of Potash, Chloride of Aluminium, Corrosive Sublimate, Lithium Phosphate, Zinc Chloride, Ammonium Molybdate.

8. Describe the preparation of any two compounds of (*a*) Titanium, or (*b*) Tungsten from the naturally occurring ores of the metals.

D.

9. State the methods by which you would estimate "Available Chlorine" in a sample of bleaching powder, and Chromium in a Chromeron ore.

10. Discuss the constitution and reactions of the Lactic Acids.

11. What is meant by a "Di-azo Compound." State briefly the principal reactions of the class.

12. Classify the Carbohydrates. What do you know regarding the constitution of grape sugar?

13. Describe the preparation and typical reactions of the fatty and aromatic Aldehydes.

B.—IN ENGINEERING.

a.—MATHEMATICS.

FIRST PAPER—THREE HOURS.

1. If a straight line be perpendicular to a plane, show that all straight lines parallel to it are also perpendicular to the plane.

From a point A perpendiculars AP, AQ are drawn to two intersecting planes, show that the plane of AP, AQ is perpendicular to the line of intersection of the planes.

2. State and prove a geometrical construction for drawing two tangents from an external point to a conic.

3. In an ellipse prove that Y, Z, the feet of the perpendiculars from the foci, S, H respectively on any tangent, lie on the auxiliary circle and that $SY.\ HZ = BC^2$. (Geometry.)

If P be the point of contact of the tangent, and from H a line be drawn parallel to SP, show that it meets SY produced on the circumference of a fixed circle.

4. Prove that the length of the perpendicular from the point (h, k) on the straight line

$$ax + by + c = 0 \quad \text{is} \quad \pm (ah + bk + c)/\sqrt{a^2 + b^2}.$$

Find the area of the parallelogram, two of whose vertices are $(-1, 2)$ and $(2, 3)$ and the side of which opposite that joining those two points is $3y = x + 14$.

5. Prove analytically that the locus of the middle points of a series of parallel chords of a parabola is a straight line parallel to the axis.

6. Prove the geometrical meaning of θ when we represent the coordinates of a point on the ellipse $x^2/a^2 + y^2/b^2 = 1$ by $a \cos \theta$, $b \sin \theta$.

Find the equation of the chord joining the two points

$$(a \cos \theta,\ b \sin \theta),\ (a \cos \phi,\ b \sin \phi)$$

on this ellipse and hence the equation of the tangent at the former.

If any ordinate MP be produced to meet the tangent at L, an extremity of the latus-rectum through S, a focus, in Q, show that $QM = SP$.

7. Show that the equation $l/r = 1 - e \cos \theta$ represents a conic, focus the pole, and give the meanings of l and e.

In the hyperbola show how, as θ goes from 0 to 2π, the two branches are traced out.

8. Define the differential coefficient of a function of x with regard to x, and state what is the interpretation of the differential coefficient being positive or negative.

A law holds between p and v, $pv^\gamma = C$, where C, γ are constants: find the rate of decrease of v for varying p in terms of the v and the p at the moment.

9. Show that, if $y = ae^{-x} \cos x + be^{-x} \sin x$, where a, b are constants,

$$\frac{d^4y}{dx^4} + 4y = 0.$$

10. State and prove the conditions in general that $f(x)$, a continuous function of x, should have a maximum or a minimum value for $x = a$.

Find the volume of the greatest parcel of square cross-section which can be sent by parcels post, the P.O. regulation being that the length plus girth must not exceed 6 feet, while the length must not exceed 3 ft. 6 in.

11. Find the asymptotes of the curve $x^2y = x^3 - a^3$, and roughly draw it, showing that it crosses the axis of x at an angle $\tan^{-1}3$.

12. Integrate $\int\frac{dx}{\sqrt{Ax+B}}$, $\int\frac{x\,dx}{\sqrt{x+a}}$, $\int xe^x\,dx$, $\int_0^{\frac{\pi}{2}}\sin\theta\sin 3\theta\,d\theta$.

13. Prove an expression for the area bounded by a curve given in polar coordinates and two straight lines drawn from the pole.

Find the whole area of the curve $r^2 = a^2 - \sin^2\theta$, where $1 > a$.

SECOND PAPER—THREE HOURS.

1. If $x = \frac{b}{c} + \frac{a}{b}$, $y = \frac{c}{b} + \frac{b}{a}$, show that $\frac{x+y}{x-y} = \frac{a+c}{a-c}$.

2. Solve the equations

(1) $14xy - 5 = 27y$, $8xy + 11 + 40y = 0$,

(2) $\frac{x}{x-5} + \frac{6}{x-4} = 4$,

(3) $x^2 + xy - y^2 = 5$, $2x^2 - 3xy + 4y^2 = 6$.

3. Find at what times between 10 and 11 o'clock the hands of a clock are separated by 20 minutes.

4. Find the condition that the equation

$$\frac{10}{x+a} + \frac{\lambda}{x} + \frac{6}{x-a} = 0$$

has equal roots, and show that the condition is satisfied by either of two values of λ.

If λ_1, λ_2 are these values and x_1, x_2 the corresponding double roots of the equation when λ has the values λ_1, λ_2, show that $\lambda_1\lambda_2 = 4$, and $x_1x_2 = a^2$.

5. Define a Geometrical Progression, and find an expression for the sum of one to n terms.

Explain how in some cases such a progression can be summed to an infinite number of terms.

The sum of the first three terms of a Geometrical Progression is 19 and the sum to infinity is 27, find the first term and the common ratio.

6. Prove the expression for the number of combinations of n things taken r at a time.

In how many ways can a crew of eight men be chosen from twelve men, when two at least of A, B, C must be chosen but A must not be chosen with D?

7. How do we define an index when it is not necessarily a positive integer.

Assuming your definition, find the meaning of a^{-n} when n is positive, and show that $(a^x)^y = a^{xy}$, whatever x and y are.

Prove that $\sqrt{\{\sqrt{(a + \sqrt[3]{a^2b})} + \sqrt{(b + \sqrt[3]{b^2a})}\}} = (a^{\frac{1}{3}} + b^{\frac{1}{3}})^{\frac{3}{4}}$.

8. State and prove the Exponential Theorem, and deduce the expansion of a^x in powers of x.

9. Show that the angles which have the same cosine as α are included in the expression $2n\pi \pm \alpha$.

Solve generally the equation $\cos x = \sin^2 x$, using your tables.

10. Prove that $\cos(A + B) = \cos A \cos B - \sin A \sin B$ in the case where A, B are both less than 90° but $A + B$ is greater than it.

Assuming this result to hold in general, write down the results for $\cos\alpha + \cos\beta$, $\cos\alpha - \cos\beta$ in product form.

If $1 + \cos(\beta - \gamma) + \cos(\gamma - \alpha) + \cos(\alpha - \beta) = 0$, show that one of the three $\beta - \gamma$, $\gamma - \alpha$, $\alpha - \beta$ is an odd multiple of 180°.

11. Prove the expression for the radius of the circumcircle of a triangle ABC, $R = \dfrac{a}{2\sin A}$.

If S be the circumcentre, and from S, SE, SF are drawn perpendicular respectively to AC, AB, find the lengths of SE, SF, and show that the area of the quadrilateral $AFSE$ is $\frac{1}{4}aR\cos(B - C)$.

12. A tower is viewed from two points, A, B in a horizontal plane, and the angles of elevation are 45° and $\cot^{-1}2$ respectively; the angle between BA and the horizontal line to the tower from B is $22° 30'$; show that the corresponding angle at A is $49° 56' 23''$, and, if the distance AB is 40 yards, find the height of the tower.

13. State Demoivre's Theorem.

Show, by substituting in the identity $x^3 - y^3 = (x - y)(x^2 + xy + y^2)$, $\cos\alpha + i\sin\alpha$ for x and $\cos\beta + i\sin\beta$ for y and equating the real parts, that

$$\cos 3\alpha - \cos 3\beta = (\cos\alpha - \cos\beta)(\cos 2\alpha + \cos\overline{\alpha + \beta} + \cos 2\beta)$$
$$- (\sin\alpha - \sin\beta)(\sin 2\alpha + \sin\overline{\alpha + \beta} + \sin 2\beta).$$

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b.—NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Enunciate one form of the necessary and sufficient conditions for the equilibrium of any plane system of forces acting on a rigid body.

A wheel rests on an inclined plane of slope 1 in 3, and is kept from running down by a brick 3 inches high; show that the greatest wheel that the brick is capable of holding has a radius of about 4 feet 5 inches.

2. Define the central axis for a system of forces acting on a rigid body, and show how to reduce the system to two equal forces of given magnitude.

3. Prove formulæ for the coordinates of the centre of gravity of an area bounded by a curve, the axis of x and two straight lines parallel to the axis of y.

Find the centre of gravity of the area bounded by a parabola, the latus rectum, the axis, and a line parallel to the latus rectum at four times its distance from the vertex of the parabola.

4. Enunciate the laws which govern the direction and magnitude of the maximum friction between two surfaces.

A body is to be dragged very slowly up a rough inclined plane; show that the necessary force in a fixed direction is exactly the same as if the plane were smooth but steeper, the increase of the inclination of the plane being equal to the angle of friction.

5. Prove that the attraction of a solid sphere on an external point is the same as if the sphere were concentrated into a particle of the same mass at its centre.

6. Prove carefully that if a chain be suspended vertically with its lower end just touching a horizontal table and then let go, at any later time before the whole chain is on the table, the pressure on the table is three times the weight of chain then lying on the table.

7. Show that a particle projected freely under gravity describes a parabola and that the velocity at any point is always equal to that due to falling vertically to that point from the directrix.

Show that all parabolas described by bodies projected from a given point with a given velocity have a common directrix and touch a parabola of which this is the tangent at the vertex and the given point the focus. Explain the paraboloidal form of water issuing with given velocity from a jet in all directions.

8. Show how, in the motion of a particle along a fixed line under a force from or to a point in the line, in general, we determine the velocity at any point in terms of its distance then from the fixed point.

A particle moves in a straight line under a force tending to a fixed point in the line which, at distance r, is $\mu/r^2 - 9\mu a/5r^3$, and starts from rest at a distance $9a$ from the centre of force. Show that it comes to rest at a distance a.

9. Find an expression for the velocity at any point of the path of a particle moving in an elliptic orbit under a force to a focus.

A particle is describing such an orbit under a force to a focus and at a point of the orbit receives a sudden velocity in the direction of the normal outwards which transforms the orbit into a parabola, the attractive force remaining unaltered; prove that this added velocity is the same for all points of the orbit, and, if it be added at the end of the minor axis, the axis of the parabola will make with the major axis of the ellipse an angle whose sine is equal to the eccentricity.

10. Define moment of inertia, radius of gyration, and find the former for a sphere, radius r, about a diameter.

A sphere is projected with a velocity 40 feet per second so as to roll (without slipping) up a plane inclined to the horizon at an angle 30°. Find how far along the plane it will roll before it comes to rest.

11. Investigate the motion of the compound pendulum and prove the "convertibility" of the centres of oscillation and suspension.

A thin elliptic plate vibrates as a pendulum round a latus rectum. Find the eccentricity, if the centre of oscillation be the focus on the other latus rectum.

12. Show how to find the resultant horizontal pressure of a liquid on a curved surface.

If the air is half exhausted in a pair of Magdeburg hemispheres, 2 ft. in diameter, find the force required to separate them, taking 15 lbs. as the atmospheric pressure per square inch.

13. A cylindrical diving-bell, height 10 ft., is let down till the depth

of its top is 50 ft. ; find the space occupied by air, supposing the water-barometer stands at 33 ft.

Find what volume of air at atmospheric pressure must be pumped in to expel the water completely.

SECOND PAPER—See p. 475.

C.—ENGINEERING.

FIRST PAPER—TWO HOURS AND A HALF.

1. Describe the process of calcination as applied to iron ores. State its objects and results.

2. Explain briefly the meanings you attach to each of the following terms: Bessemer Pig, Hot Blast Iron, White Cast Iron, Basic Steel, Cementation.

3. Describe the processes by which Wrought Iron bars are produced—commencing with the iron as it leaves the blast furnace.

4. Describe the process of Loam Moulding, and illustrate your answer by reference to the production of some object to which that system is specially applicable.

5. State usual compositions of Brass, Gunmetal, Phosphor Bronze. and Delta Metal, and state what you know of the value of each with respect to strength and other properties.

6. Describe the structure of the stem of an oak tree, and, in connection therewith, account for the mode of shrinkage of timber. Compare and contrast the structure of Pitch Pine, Ash, and Boxwood with Oak.

7. Define the terms: Inertia, Work, Energy, Power, Modulus of Elasticity, Limit of Elasticity, Young's Modulus. State the units in which any four of them are customarily measured.

8. A loaded waggon, weighing 8 tons, travels at a uniform speed of 15 miles per hour. Find the horse-power expended in its traction: (*a*) when on a level, (*b*) when it ascends a gradient of 1 in 50 ; taking in each case the frictional resistance at 12 pounds per ton.

SECOND PAPER—TWO HOURS AND A HALF.

1. Determine by the "Mean Heights," "Mean Areas," and "Prismoidal" methods, the volume of a block of earthwork of 1 chain in length, 27 feet wide at formation surface, side slopes $1\frac{1}{2}$ to 1, and end heights of 10 feet and 15 feet respectively; assuming the ground level in cross-section. Discuss the relative merits of the methods with respect to the probable accuracy for the determination of the total volume of a railway cutting through a hill.

2. Determine, approximately, the volume of a reservoir of which the areas of the horizontal sections are as follows:

At water level, - - - -	100,000 square feet.
,, 2 feet down, - - - -	76,000 ,,
,, 4 ,, - - - - -	64,000 ,,
,, 6 ,, - - - - -	45,000 ,,
,, 8 ,, - - - - -	15,000 ,,
,, 9 ft. 6 ins. down, - - -	0 ,,

Justify the method you use, giving proof of any formula you employ.

3. Give an account of any one method of conducting a traverse survey, and explain how the work may be checked.

4. Explain the effect of curvature of the earth and atmospheric refraction upon levelling operations, stating what is meant by a level surface. With the level at a point *A*, a back sight of 6·34 is taken at a point *B*, and a fore sight of 4·97 at a point *C*. The distances of *B* and *C* from *A* being 50 feet and 2460 feet respectively, determine the difference of level of the points *B* and *C*; and prove the formula you employ.

5. Sketch and describe a Dumpy or Gravatt Level; and state the essential conditions of adjustment. Must the horizontal fibre be situated at any particular height in the instrument tube? Discuss the question.

6. Sketch the principal features of the box sextant, and prove the principle on which its arc is graduated.

7. The "straights" between which a railway curve is to be ranged meet in an inaccessible point. Explain how you would proceed to set out the curve; the radius being given. State the necessary formulas.

8. Explain the mode of conducting a plane table survey; and discuss its merits as compared with other methods of surveying.

THIRD PAPER—Two Hours and a Half.

(*Not more than* EIGHT *questions may be attempted.*)

1. The analysis of the coal used in a boiler trial was:

C = 80·5
H = 4·7
O = 6·1
N = 2·1
S = 0·6
Ash = 3·9
Water = 2·1
100·0

Calculate either (not both):

(*a*) The calorific value of this fuel in lbs. of water evaporated from and at 212° F. What assumptions are involved in your calculations, and in what direction would they probably affect the result?

Or (*b*) The lbs. of air required for the combustion of 1 lb. The amount actually used was 1·8 times this quantity. Find the heat carried away by the excess, and express it in terms of lbs. of water which it could evaporate from and at 212°. Rise of temperature of furnace gases, 420° F.

2. Define Entropy. Sketch a temperature-entropy diagram for water and steam, extending it to exhibit the entropy of superheated steam; and show how it can be used to determine the amount of the condensatian or evaporation which accompanies adiabatic expansion of wet steam of different degrees of wetness.

3. Explain how a diagram may be constructed, from indicator diagrams of a triple expansion engine and the known weight of steam used

by the engine per revolution, to exhibit the proportion of the cylinder feed which exists as water and as steam at different stages of the expansion.

4. Construct a curve showing the efficiency of a perfect heat engine receiving heat at different temperatures and rejecting it at a constant lower temperature of 100° F. Sketch (by eye) on the same diagram a curve showing the efficiency of an ideal steam-engine working between the same temperatures, but with complete isothermal condensation on the return stroke; and show, in relation to these curves, the efficiency that may be expected from actual condensing engines of good construction.

5. In respect to dry saturated steam, explain the meaning of the terms "Total Heat at constant Volume," "Total Heat at constant Pressure," and "Latent Heat," and illustrate your answer by a diagram showing the values of these quantities for steam at different pressures.

6. Show how a formula is obtained for the change in dryness during adiabatic expansion of steam from a given condition.

7. Describe the cycle of operations in an Otto Gas Engine. Illustrate by a diagram the nature of the changes of turning moment on the crank shaft.

8. Define absolute temperature on the thermo-dynamic scale (Lord Kelvin's), and prove that the scale is independent of the properties of any particular substance.

9. Describe the cycle of any one form of refrigerating machine. Define "co-efficient of performance," and state what you know regarding its value in the case you describe.

10. State what are ordinarily known as the Laws of Solid Friction, and state what you know of the departure of actual results from these laws. Explain the nature of the action which takes place in a thoroughly lubricated bearing.

FOURTH PAPER—Three Hours.

(*Only* NINE *questions may be attempted.*)

1. Define "Modulus of rigidity," and illustrate your answer by sketches. Investigate a formula for the torsional stiffness of a shaft, for stresses within the elastic limit.

2. The strength of cast iron, as calculated by the ordinary formula from transverse tests of beams, is higher than that obtained by direct tension experiments. Explain and illustrate by sketches the reason for this, and state what you know of the magnitude of the discrepancy, in certain cases.

3. Explain the meaning you attach to the term "redundant frame," and describe the general principle on which the stresses in the bars of such a frame depend. Illustrate your answer by reference to an example, for which you are to draw a probable stress diagram.

4. Investigate a formula for the deflection of a semi-girder of uniform transverse section, when carrying a uniformly distributed load. Explain some of the principal assumptions involved.

5. Show the relationship between the polygon or curve in which a loaded cord will hang, and the bending moments of a beam carrying the same loads. Also demonstrate the relations that subsist between the curve of intensity of load, curve of shear, and curve of bending moments, for a girder carrying a distributed load.

6. A shaft, 3 in. diameter and 8 ft. between the bearings, is driven from one end, and carries at its centre a pulley 20 in. diameter. Determine the horse power that can be transmitted from the pulley at 200 revolutions per minute, assuming the two stretches of the belt to be parallel and their tensions as 1 to 2. Take the safe stress in the shaft due to torsion and bending at 8000 lbs per square inch.

7. It is usually stated that in block-work structures the centre of pressure should fall within the middle third of each bed joint. Explain the foundation for this statement, and the assumptions it involves.

Show how you would proceed to find a suitable form of masonry arch to support a roadway and the loads that may be carried over it.

8. Treat, on the principle of similar structures, the question of the horse power that can be obtained from a given weight of metal as affected by the dimensions of the boilers and engines adopted; assuming that these are similar and work similarly as regards the distribution of steam.

9. Investigate a formula for the distribution of pressure over the surface of the plate shown on the accompanying sheet, using the data there given.

10. Show how suitable angles for the blades of an inward-flow turbine at entrance and exit are determined, stating the objects to be accomplished.

11. Describe the two modes of flow of water in straight pipes, and state the laws of resistance in each case. Define "co-efficient of viscosity," and deduce a formula for steady flow.

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d.—ENGINEERING DRAWING.—Three Hours.

[*Not more than* EIGHT *questions are to be attempted.*]

1. Explain in a few words, and by the aid of sketches, how you would solve the following problems:

(*a*) To draw the traces of a plane parallel to a given oblique plane and at a given distance from it.

(*b*) To draw the traces of a plane making a given angle with a given inclined plane, and a given angle with the horizontal plane.

(*c*) To draw the traces of a plane bisecting the angle between two given oblique planes.

2. Find the traces of the two planes containing the given line AB and touching the sphere C.

3. Find the projections of the point of intersection of the three planes shown by their traces on the accompanying sheet, and specify the position of the point with reference to the two planes of projection.

4. *A* is the apex and *AB* the axis of a right circular cone, and *CC′* the projections of point on its surface. Draw the projections of the cone showing its horizontal trace.

5. A line inclined to the H.P. at an angle of 45° is attached to a vertical axis by a horizontal arm 0·5 inch in length at a point 2″ above the H.P. Draw an elevation of the solid generated by the revolution of the line about the axis, and show upon it the elevation of the line in eight positions at equal intervals in one revolution. Deduce an equation to the profile curve, taking as axes of coordinates the ground line and the elevation of the axis.

6. Draw a plan and complete the front elevation of the object shown partially on the accompanying sheet.

7. A hollow sphere of 2″ external diameter and 1·5″ internal diameter is penetrated by a square prism of 1·25″ edge of base and length 3″. Make an isometric projection of the solids when their centres coincide and two of the large faces of the prism are vertical; showing the visible lines of intersection. Specify the nature, dimensions, and attitudes of the curves of which the lines you draw are portions. Show also by dotted lines the corresponding intersections of the internal surface.

8. Draw the curves of bending moments and shear for a girder 30 ft. in length, supported at one end and at a point 8 ft. from the other end, carrying a uniformly distributed load of 4000 lbs. per ft. run. Show the scales on which the ordinates are to be measured.

9. Design a suitable cross-section for the girder referred to in last question, at its place of maximum bending moment, making it of the plate-web construction.

e.—ELECTRICITY (PURE AND APPLIED).

THREE HOURS.

1. Describe in detail the experiments you would perform to determine the horizontal intensity of the earth's magnetic force at a given place. Investigate the necessary equations for calculating the results from your experiments. What are the principal corrections of the results, and how do they arise?

2. Describe the essential parts of a Kelvin quadrant electrometer. Prove that if V be the potential of the needle, $V_1 V_2$ the potentials of the pairs of quadrants, L the couple on the needle,

$$L = k(V_1 - V_2)\left(V - \frac{V_1 + V_2}{2}\right).$$

where k is a constant. Hence show how to use the instrument (1) heterostatically, (2) idiostatically, and deduce the formulae for the couple in the two cases. What range of difference of potentials could you safely and accurately measure by the quadrant electrometer?

3. A Daniell cell has an internal resistance of 4 ohms. Its terminals are joined (1) by a resistance of 8 ohms, (2) by a resistance of 14 ohms.

Compare the total heats produced in the external circuits, in each case, per gramme of zinc consumed in the cell.

4. A battery of 46 accumulators in series is used to supply current to glow lamps in parallel. Each cell has an electromotive force of 2 volts, and an internal resistance of 1/200 ohm. Each glow lamp requires a potential difference of 85 volts at its terminals, and a current of 0·6 ampere. How many glow lamps can be efficiently lit at one time? If one accumulator be added, how many glow lamps may be added?

5. A moderate length of telegraphic cable is given to you. Describe and fully explain the experiments you would perform to determine (1) its ohmic resistance, (2) its insulation resistance, and (3) its capacity in electromagnetic units.

6. Describe and explain some method by which the absolute value of the resistance of a conductor can be determined experimentally.

Show fully how the absolute value of the resistance follows from the results obtained in the experiments.

7. A charged condenser of capacity K is discharged by a wire of resistance R and self-inductance L. Investigate the nature of the discharge, and hence deduce the conditions for (1) continuous, (2) oscillatory discharge.

8. To a conductor of resistance R and self-inductance L a difference of potential $E \sin pt$ is applied. Find the current at any instant and the difference of phase between the potential and the current.

Show that the average activity in the conductor is $\frac{1}{2}\frac{E^2R}{R^2+p^2L^2}$.

f.—NAVAL ARCHITECTURE.

MARINE ENGINEERING.—Three Hours.

1. A sample of coal contains 80 per cent. C., 5 per cent. H., and 10 per cent. O. What is its calorific value? How much water could be evaporated per pound of this coal from and at 212° F.? What quantity of air is theoretically necessary for it complete combustion?

2. Give a short account of the various forms of artificial draught, stating the advantages or otherwise of each system.

3. Give sketches of indicator diagrams, showing all the faults that may be represented, and explain where possible these may be improved.

4. Show that the pressure required to burst a cylindrical shell in the transverse direction is double that required to burst it in a longitudinal direction; and obtain a formula for the strength of a riveted joint for a boiler shell.

5. A single ended boiler is required to supply steam to an engine developing 900 I.H.P. Pressure 160 lbs. natural draught. Show how to fix the dimensions, number, and size of furnaces, etc. Make a sketch showing the general arrangement, giving clearance at different points. If forced draught were adopted, what modifications would you make?

6. What is the difference between isothermal, adiabatic, and dry saturated steam expansions? Give equations to each curve, and show that for isothermal expansion the mean pressure $= \frac{P}{r}(1 + log_e r)$.

7. Show how to take account of the effect of the inertia of the reciprocating parts, and show how to obtain a true diagram of twisting moments for a triple expansion engine.

8. What is the effect of cutting off earlier in (1) the H.P., (2) the M.P., (3) the L.P. cylinders? Show how this may be determined graphically.

9. An engine for a cargo vessel is required to develop 4000 I.H.P. Determine the sizes of the cylinders—Boiler pressure = 160 lbs.; stroke not to exceed 4′ 6″.

10. Give a description of three different kinds of water-tube boilers at present in use.

11. Show how to calculate the amount of injection water necessary for a jet condenser. How is this modified in the case of a surface condenser? Give a sketch of a surface condenser and air pump, showing details.

12. Give a short account of jacketing. Make a sketch showing a section through a jacketed cylinder, say the M.P. cylinder, question 9, and give approximate sizes.

13. Show how to obtain a Zeuner's diagram for a simple slide valve, and describe any two forms of valve gear.

14. Give an account of the causes of vibrations in a screw steamer. State how these may to a certain extent be overcome, and show how the position of the engine affects these vibrations.

STRENGTH—THREE HOURS.

1. What conditions must be fulfilled in a "load curve" for a ship floating at rest in still water?

2. Prove that $M = \int F dx = \int\int l dx dx$.

3. Deduce a formula for deflection due to bending. State the value of E as deduced from actual deflection of a ship in still water.

4. Deduce a formula for shearing stress at any point in a section of a beam under varying bending moment.

5. A vessel of the above form and dimensions [diagram shown], with structure at midship section as shown, is floating at rest in still water with a weight uniformly distributed per foot of length. Draw a curve of supporting forces and weight, and determine the maximum shearing forces and bending moment. Find also the maximum tension and compression.

6. Suppose the vessel in question 5 inclined at 45°, find the maximum tension and position of the neutral axis, assuming the bending moment to remain the same as in the upright.

7. Describe a method of constructing a trochoidal wave so as to obtain a curve of supporting forces on a ship poised upon its crest.

8. Prove that in a vessel pitching, when the moment of inertia of the two ends about the C.G. are the same, no stress is brought upon the midship section in addition to what would exist if the vessel were poised on the crest of a wave.

9. Describe how the passage of a series of waves may cause heaving motions, and state the effect upon the hogging and sagging strains, by taking heaving into account.

10. Make a sketch showing disposition of rivets and butts in shell plating ½ in. thick. Calculate the strength of the combination in relation to the unavoidably weakest section in one case of breaking and one of shearing.

11. Describe the method of finding the pressure on the fore end of the sliding ways in launching; also how you would find the crushing stress in the upper deck plating due to this.

12. Find the diameter of a rudder stock for a rudder 70 sq. ft. in area, 6 ft. wide, speed of ship 10 knots per hour.

STABILITY AND ROLLING—Three Hours.

1. State and prove the relation which exists between ZM, BR, and B_1R.

2. Explain fully how you would from an ordinary body plan prepare a body plan for finding the stability by Barnes' method? How would you obtain a check spot at 90°?

3. Describe a method of obtaining a cross curve of stability.

4. Show that in a vessel of rectangular section throughout the stability ($W \times GZ$) at the same angle (up to the deck-edge or bilge) is the same for draughts equidistant from the C.G. of the vessel.

5. Show that a surface of buoyancy is a closed surface with no re-entering parts. Show also that in a body of finite volume the surface of buoyancy at any displacement d is similar to that of displacement $\Delta - d$, where Δ is the whole volume of the body.

6. A vessel is placed in a dry dock and the water pumped out without shoring the vessel. How would you obtain a curve of stability ($W \times GZ$) in terms of the height of water in the dock, supposing that the ordinary cross curves of stability are known?

7. A tank containing water is attached to a cord, and revolves uniformly in a circle in a vertical plane. Suppose a vessel floating in this tank, what is the stability of this vessel when the tank is revolving compared with its stability at rest?

8. Prove Leclert's Formula.

9. Deduce an equation of motion for a vessel rolling (neglecting resistance), and find the time of oscillation.

10. What is a curve of extinction? Deduce its general equation and also that in the particular case of motion against a resistance varying as the angular velocity.

11. Deduce the equation of motion of a ship rolling in a regular series

of waves, and show that synchronism of ship and wave cause steadily increasing angles of roll when resistance does not exist.

12. What means are adopted to decrease rolling? Describe experiments to show the effect of these.

CALCULATIONS—THREE HOURS.

1. Find the volume and C.G. of the solid of revolution made by the curve $y = cx^{\frac{3}{2}}$ revolving about the axis of x. What is the volume of the solid made by the curve $y = \frac{1}{x^2}$ revolving about the axis of y. Trace the curve.

2. Find the areas and C.G.'s of the curve defined by the following ordinates—interval, 30 ft.:

(1) 10; (2) 12·1; (3) 14·4; (4) 16·9; (5) 16·2; (6) 15·7; (7) 15·3;

first, between ordinates (1) and (7); second, between ordinates (1) and (5).

3. What are the following: Block coefficient, Prismatic coefficient, and Waterline area coefficient? Give values of these for (1) Slow cargo steamer; (2) 20-knot Atlantic liner; (3) Torpedo-boat destroyer.

4. Prove that $BM = \frac{I}{V}$, and explain how you would make a metacentric diagram when displacements and height of C.B.'s at a series of drafts are given, and supposing you have drawings of the forms of the waterlines.

5. Describe the inclining experiment, and explain fully how you would obtain the following from it: (1) C.G. of ship in light condition; (2) C.G. of ship in load condition (full of cargo); (3) C.G. of ship in any intermediate condition with cargo stowed homogeneously in a portion only of the space.

6. With the information as to the position of weights to go in and come out, taken at the inclining experiment, show how you would correctly ascertain the draft forward and aft in the light condition.

7. Explain how the following types of vessels differ from each other: Flush-deck, Awning-deck, Raised quarter-deck, Spar-deck, and Three-deck.

8. Describe a method of determining the minimum freeboard necessary in the intact condition, in order to have a definite margin of safety with a given proportion of length flooded. Sketch roughly the curves, giving the amount of proportionate length of ship which can be flooded at different positions in the length.

9. Explain how you would find the change of trim and metacentric height with a portion of the length between two water-tight bulkheads, in free communication to the sea.

10. Find the dimensions of a vessel necessary to fulfil the following conditions: Deadweight (exclusive of coals), 5000 tons; coal required

for 5000 knots, speed fully laden = 12 knots; load draft 26 ft.; freeboard 10 ft.; given $C_h = \cdot 5$, $C_B = \cdot 75$, $C_A = 300$; I.H.P. per ton = 6, coals per I.H.P. per hour = 1·5 lbs.

11. Find the diameter of a paddle-wheel necessary to fulfil the following conditions: Speed 20 knots, Revs. 50, Slip 20 per cent. Explain how you would fix the dimensions and position of floats and paddle-box.

12. Describe the following different types of warships, giving thickness of armour, number and positions of guns, etc.: (1) First-Class Battleship, (2) Second-Class Cruiser.

RESISTANCE AND WAVES—Three Hours.

1. State fully the modern or Froude theory of resistance of ships, and give briefly the reasons for believing the theory to be correct.

2. State and prove Froude's "Law of Comparison."

3. What observation should be taken upon a measured mile trial? State what curves are usually deduced from these observations, and show how these curves may be used to obtain curves of I.H.P. in terms of displacement for given speeds.

4. A vessel 324 feet long obtains 18 knots on trial with 4400 I.H.P. and 20 knots with 6000 I.H.P. Suppose the dead load engine friction at full power to be 300. Find the probable I.H.P. of a vessel 361 feet long when going at 19 knots (proportions of breadth and draft remaining the same).

5. Explain how length of middle body affects resistance. Describe the wave making system round a vessel, and explain why the vessel has to create one wave system for every two wave lengths through which it moves.

6. Show that $\frac{2V}{V+v}$ is the efficiency of a propeller which changes the velocity of the water from V to v relatively to the vessel, but which incurs no other expenditure of energy. Explain why this does not apply to a screw propeller, and write down the equations of thrust and total work for a plane of small area revolving about an axis obliquely.

7. What do you understand by "screw efficiency" and "hull efficiency"? State the law of comparison for corresponding speeds and revolutions of the same propeller and state the relation of the thrust.

8. Explain by diagrams and otherwise the method adopted by Froude to find the speed of the wake of a hull model by means of screw experiments.

9. Prove that in a trochoidal wave-surface the pressure is constant.

10. Prove that in a trochoidal subsurface the pressure is the same as in the corresponding layer in still water.

11. What is the speed of a trochoidal wave 300 feet long?

12. Prove that the actual energy of a wave varies as $\frac{r^2}{2R}$ and is equal to the potential energy.

IV.—FOR DEGREES IN MEDICINE AND SURGERY.

I.—PRELIMINARY EXAMINATION.

ENGLISH.

Saturday, 26*th March*, 1898.—9 A.M. TO 12 NOON.

(EIGHT *and not more than* EIGHT *questions are to be answered.* 1 *and* 2 *must be answered, with either* 3 *or* 4 *and either* 5 *or* 6. *The remaining* FOUR *may be any questions not already answered.*)

1. Write an essay, from two to three pages long, on one of the following subjects:

   (*a*) Conscription *versus* Voluntary Enlistment.
   (*b*) The characteristics of your ideal friend.
   (*c*) Your favourite poem.

2. Paraphrase:

   Fulness of life and power of feeling, ye
   Are for the happy, for the souls at ease,
   Who dwell on a firm basis of content!
   But he, who has outlived his prosperous days—
   But he, whose youth fell on a different world
   From that on which his exiled age is thrown—
   Whose mind was fed on other food, was train'd
   By other rules than are in vogue to-day—
   Whose habit of thought is fixed, who will not change,
   But, in a world he loves not, must subsist
   In ceaseless opposition, be the guard
   Of his own breast, fetter'd to what he guards,
   That the world win no mastery over him—
   Who has no friend, no fellow left, not one;
   Who has no minute's breathing space allow'd
   To nurse his dwindling faculty of joy—
   Joy and the outward world must die to him
   As they are dead to me.

3. Write brief notes on *four* of the following: Battle of the Standard, Constitution of Clarendon, Magna Charta, The Crusades, Statute of Mortmain, Battle of Falkirk, Siege of Orleans, Wars of the Roses, Field of the Cloth of Gold, Dissolution of the Monasteries, Loss of Calais, Imprisonment of Mary Queen of Scots.

4. Give a brief account of *four* of the following: Earl of Strafford, Marquis of Montrose, Admiral Blake, Algernon Sidney, Viscount Dundee, Duke of Marlborough, Lord Chatham, Charles James Fox, Duke of Wellington, Sir Robert Peel, Lord Clyde.

5. Where and for what noted are the following towns: Greenock, Canterbury, Benares, Pekin, Pretoria, Sheffield, Quebec, Limerick, Havana, Wolverhampton, Peshawar, Khartoum?

6. Give some account of Japan.

7. Rewrite, so as to correct or improve, the following sentences, giving reasons for any changes you make:

(*a*) This is one of the most interesting books that has appeared on the subject.

(*b*) Neither of the children reach their home after their many wanderings.

(*c*) Passing along under cover of the hedge, there was a shout of delight when he suddenly appeared on the other side.

(*d*) The youth whom he told me has so successfully passed his examination is one of two brothers who wished to have gone to India.

8. Give a *general* analysis of the following passage, and parse the words in italics.

> But *when* begins
> The array for battle, and the trumpet blows,
> A king must *leave* the feast and lead the fight:
> And with its mortal foes,—
> Grim gathering hosts of sorrows and of sins,—
> *Each* human soul must close:
> And Fame her trumpet blew
> Before him: wrapped him in her purple state;
> And made him *mark* for all the shafts of Fate
> That *henceforth* round him flew.

9. Give the derivation of *eight* of the following words: Charm, remedy, frailty, atmosphere, amphibious, abed, articulate, gossip, ghastly, frontal, masticate, health, intoxicate, kerchief, parish.

10. When does a subject consisting of two or more nouns (or noun-equivalents) take a singular verb? Give examples.

11. Give a short account of one famous British work in each of the following departments: (*a*) comedy, (*b*) ode, (*c*) prose allegory, (*d*) satire in verse.

12. What is meant by the following: Imperial Federation, Co-operative Production, Countervailing Duties, The Referendum, Home Rule all round?

LATIN—See p. 434.
GREEK—See p. 437.
MATHEMATICS—See p. 440.

FRENCH.

Tuesday, 29th March, 1898.—3 TO 6 P.M.

I. Translate into French:—

1. During the reign of Louis the Fourteenth, an Italian chemist, named Poli, came to Paris, and having obtained an audience of the King, informed him that he had discovered a composition ten times more destructive than gunpowder. Louis was fond of chemistry, and ordered the Italian to prepare the composition and to make the necessary experiments on a certain day in his presence. It was done, and everything succeeded according to the wishes of Poli, who then observed to the King that it would give him a great superiority over his enemies. "It is true," said Louis, "and your invention is very ingenious; but mankind already

possess sufficient means of destroying one another; you shall be handsomely rewarded for your trouble and ingenuity, but I charge you, for the honour of human nature, never to divulge your secret."

2. (*a*) Whose books are these? They are mine.
(*b*) Make yourself at home.
(*c*) I hear somebody coming.
(*d*) He does nothing but play.
(*e*) Your interests are at stake.

II. Grammar.

1. Give the adverb formed from each of the following: *ardent*, *présent*, *gentil*, *précis*, *mauvais*, *moindre*.

2. Translate the following sentences, using both *il y a* and *depuis*:
He had been travelling for a month.
We have been here for two hours.
How long have you been here?

3. When are *personne* and *quelque chose* masculine and when are they feminine? Give illustrations.

4. Give the adverb, one noun, and one verb, formed from the following adjectives: *grand*, *juste*, *utile*, *franc*. Add the meaning of each word.

5. Give the past participles of: *souffrir*, *boire*, *venir*, *mourir*, *pouvoir*, *rendre*, *jouir*, *devoir*, *faire*, *coudre*, *lire*, *dire*.

III. Translate into English:—

1. Le grand-oncle de mon aïeul avait fait voir, dès son enfance, une furieuse passion de voyager; mais, par une suite de circonstances étrangères à cette histoire, il était arrivé à soixante ans sans être jamais allé plus loin que Montmartre.

Il est vraiment ridicule, se disait-il fréquemment, que l'homme du monde qui souhaite le plus de voyager soit justement celui qui a vu le moins de pays. Car je n'appelle point voir du pays, aller de mon domicile jusqu'aux moulins de Montmartre. Non! autant dire que je suis un âne, car c'est un chemin que les ânes font tous le jours.—*O. Feuillet.*

2. Quoique j'eusse à peine alors neuf ans accomplis, je sentais déjà le plaisir d'être libre et maître de mes actions. J'étais sans argent et sans pain: n'importe, je n'avais point de leçons à étudier ni de thèmes à composer. Après avoir marché pendant deux héures, mes petites jambes commencèrent à refuser le service. Il fallut m'arrêter pour me reposer. Je m'assis au pied d'un arbre qui bordait le grand chemin; là, pour m'amuser, je tirai ma grammaire, que j'avais dans ma poche, et la parcourus, puis venant à me souvenir des coups de fouet qu'elle m'avait fait recevoir j'en déchirai les feuillets avec colère. —*Le Sage*.

GERMAN.

Wednesday, 30*th March*, 1898. 3 TO 6 P.M.

I. **Translate into English**:—

(*a*) Anna war ſtets die erſte im Hauſe wach und weckte die Mägde. Während dieſe auf dem Herd das Feuer anzündeten,

holte ſie Waſſer vom Brunnen. So geſchah's auch eines frühen Morgens in den erſten Tagen des Juni. Bereits fertig angezogen und ſauber wie immer, trat ſie mit ihrem Eimer aus dem Hauſe. Ueber den Häuſern ſchoſſen die erſten Schwalben pfeifend hin und her. Sperlinge tummelten ſich zwitſchernd auf der Gaſſe und aus der Ferne klang hell ein Hahnenruf. Der Brunnen befand ſich nur wenige Schritte vom Hauſe entfernt auf der andern Seite der Straße. Leicht ſchritt das junge Mädchen mit ihrem Gefäß über die Straße. Plötzlich ſtand ſie wie feſtgebannt. Auf der unteren Stufe der Brunneneinfaſſung lag ein Menſch; der rechte Arm hing ſteif herunter, die Füße lagen auf der Straße, und von dieſen etwas entfernt ein Stock und ein zerdrückter Hut. Die Lage des Körpers war ſo, als ſei er in Folge eines tödlichen Schlages rückwärts zuſammengeſunken. Das Geſicht war leichenblaß, die Augen geſchloſſen. Schnell gefaßt, obwohl mit klopfendem Herzen, trat Anna näher heran.

R. SCHWEICHEL, *Der Bildschnitzer vom Achensee.*

(*b*) Zur Gutenachtzeit, als ſich Alles entfernt hatte, ſaß Ilſe noch einmal auf ihrem Stuhl in der Wohnſtube, und als der Vater aufbrach, reichte ſie ihm den Leuchter. Der Vater ſetzte ihn wieder hin und ging auf und ab, ohne zu ſprechen. Endlich begann er: „Deine Stube bleibt für dich unverändert, und wenn du zu uns zurückkehrſt, ſollſt du alles ſo finden, wie du es verlaſſen haſt. Ich gebe dich hin mit Schmerzen in ein Leben, das uns beiden unbekannt iſt. Gute Nacht, mein braves Kind, des Himmels Segen ſei über dir! Gott behüte dir dein ehrliches Herz! Sei tapfer, Ilſe, das Leben iſt ſchwer." Er zog ſie an ſich, und ſie weinte ſtill an ſeinem Herzen. G. FREYTAG.

II. Translate into German :—

(*Candidates may use either English or German script.*)

(*a*) When the doctor entered his room, he found a letter lying on the writing-table. He hastily opened and read it, for he had recognized the handwriting at once. It was from Mary L. She asked him to come as soon as possible, as her mother had been suddenly taken ill, and she was afraid that it might be something serious. The young man called the servant, and asked when the letter had come. A servant girl had brought it ten minutes or a quarter of an hour ago. He put a case containing several small bottles in his pocket, took his hat and stick, and left the house. It was a beautiful night; the stars twinkled brightly, and the moon was just showing itself in the eastern sky. Not a soul

was to be seen on the road. When he stood before the little house, he looked up for a moment to the only lighted window, before he knocked at the door. As he entered gently the bedroom, the girl who was sitting by her mother's bed, blushed and looked at him with sad entreating eyes.

(*b*) 1. He could not write German when he stayed with us.

2. When did you visit my cousin? Last year.

3. At last I have got back the book.

4. I should like to travel through the whole of Germany.

5. He would have gone to Vienna if he had had sufficient money.

III. GRAMMAR.

1. Give the German equivalents –in the nominative and genitive singular and nominative plural, with the definite article –of *any six* of the following words:—village, forest, apple, pear, bride, chair, lion, bird, name, song, volume, branch.

2. Give the third person singular and plural of the present and imperfect indicative of—*nehmen*, *fahren*, *führen*, *biegen*, *bitten*, *beten*.

3. Distinguish between—*heilbar*, *heilsam*; *er wird bestraft*, *er ist bestraft*; *besuchen*, *versuchen*, *untersuchen*, *ersuchen*; *Antrag*, *Auftrag*, *Vortrag*, *Ertrag*; *die Worte*, *die Wörter*.

4. Give the different meanings of the following nouns according to gender—*Erbe*, *Gift*, *Heide*, *Hut*, *Leiter*, *Band*.

5. Give the past participles of –*bringen*, *singen*, *vernehmen*, *entweichen*, *ausgehen*, *begehen*, *antworten*, *erfahren*, *geschehen*, *gebrauchen*, *entstehen*, *zerreissen*.

II.—PROFESSIONAL EXAMINATIONS.

I.—FIRST PROFESSIONAL EXAMINATION.

CHEMISTRY—Two Hours.

4th October, 1897.

(*Equations to be given wherever possible.*)

1. The elements phosphorus, arsenic, and antimony are generally placed in one group. Show by a comparison of their properties and those of their compounds how far this is justified.

2. Give an account of the composition of the atmosphere. Explain the importance of the different constituents as regards life, and suggest methods by which their relative amounts could be estimated.

3. What facts with regard to carbon dioxide are implied in the formula CO_2 which is given to it? Describe carefully two experiments by means of which you could establish the truth of this formula.

4. What weights of ammonium chloride and quick-lime must be taken

in order to produce 2 litres of ammonia—the gas to be measured at 17° and 750 mm.? [Ca = 40.]

5. Show by means of constitutional formulae the relation between benzene, phenol and salicylic acid. Describe and explain the usual method for the preparation of chloroform.

BOTANY—Two Hours.

4th October, 1897.

(*Only* FOUR *questions to be attempted for First Professional.*)

1. What do you understand by Carbon assimilation? Explain clearly the nature of Chlorophyll and of Stomata.

2. Contrast Gymnosperms and Angiosperms as regards (i.) the flower, and (ii.) the structure of the stem.

3. Give a brief description and sketch of the transverse section through an Angiospermous root.

4. Describe the flower of any British member of the Scrophulariaceæ, and contrast its structure with any genus of Labiatæ.

5. Describe the structure and life history of Fucus. From what source do sea-weeds derive their Carbon?

ZOOLOGY.

4th October, 1897.

(*Candidates for M.B. are expected to answer* FOUR *of the above questions. Candidates for first B.Sc. should attempt all.*)

1. Compare the transverse section of Hydra and Actinia.

2. Mention the different methods of multiplication among the Hydrozoa.

3. Enumerate the characters which distinguish the Arachnida from the other air-breathing Arthropods.

4. Describe the respiratory and circulatory organs in a Lamellibranch.

5. Describe the heart structure in each of the five groups of Vertebrates.

6. Give the structure and mode of growth of a Mammalian incisor tooth.

PHYSICS—Two Hours.

5th October, 1897.

(*Not more than* FOUR *questions to be answered.*)

1. State the proposition known as "the parallelogram of velocities."

A river flows between two straight parallel banks, 88 yards apart, with a uniform speed of 3 miles an hour. A boat is pulled across the river with its length always at right angles to the banks at a speed of 4 miles an hour. Find (1) the resultant speed of the boat, (2) the distance the boat is carried down the river during the time of crossing, and (3) the time of crossing in seconds.

2. Define work, activity (or power). Define also poundal, foot-pound, and horse power. A train whose mass is 80 tons is drawn at the rate of 45 miles an hour along a level railway. If the resistance is 10 lbs. per ton, find the horse power at which the engine is working.

3. Describe experiments to illustrate the diffusion of gases through a porous partition between two chambers filled with different gases. Supposing the partition to be very thin, compare the rates of diffusion of oxygen and hydrogen through it.

How is this process used to separate the gases of a mixture from one another?

4. Describe experiments illustrating (1) change of dimensions, (2) change of state, and (3) electrical effects, when heat is applied to bodies.

Describe how the two fixed points on a mercury in glass thermometer are experimentally determined. Define carefully the temperatures to which these points correspond. Define also 40° C.

What temperatures on the Centigrade scale correspond to 60° F. and 98°·4 F.?

5. Describe an induction coil and explain carefully its action. How would you use it to give an alternating current to a body placed between the terminals of its secondary circuit?

6. An induction coil in perfect order is given you. It is known that an electromotive force rather less than that of two Daniell cells in series is sufficient to work it. It is found that two cells of a given Daniell battery fail to work it, and that using four or six cells in series also fails. The cells are small but in good order.

Explain fully the reason of the failure, and show how you would arrange the battery to overcome the difficulty.

II.—SECOND PROFESSIONAL EXAMINATION.

DESCRIPTIVE ANATOMY (M.B. AND C.M.).

5th October, 1897.

1. Describe the flexor longus pollicis pedis, stating its origin, course, insertions, connections, and relations to muscles and fibrous structures.

2. Describe the arrangement of the muscular fibres of the stomach, also the appearance of its mucous membrane as compared with that of the large and small intestine, and its microscopic structure.

3. Describe the form, extent, and connections of the spinal cord, and the disposition and characters of its coverings.

ANATOMY (M.B. AND CH.B.).

5th October, 1897.

1. Describe the arrangements of muscles, vessels, and nerves seen on removal of the gluteus maximus.

2. Describe the arteries and veins of the heart, and the distribution of the cardiac plexuses of nerves.

3. Describe the facial nerve from its deep origin to its emergence from the skull, pointing out its relations to other structures within the temporal bone.

4. Describe the meaning of the terms closed follicle and lymphatic nodule, and the distribution of such structures in different parts of the alimentary tract.

PHYSIOLOGY—Two Hours.

5th October, 1897.

1. *Pancreas.* Describe

(*a*) The minute structure of a resting alveolus (acinus).

(*b*) The physical and chemical characters of pancreatic juice.

(*c*) The action of pancreatic juice on the duodenal contents.

(*d*) The effects of complete removal of the pancreas. How have these effects been explained?

2. Describe the minute structure of smooth muscle, and state all the situations where it occurs in the body. Compare from a physiological point of view (omit histology) the properties of smooth, cardiac, and skeletal muscle.

3. Name the *inorganic* constituents of urine, describe a test for each, and state an approximate value of the amount of each excreted daily. Give an accurate account of how you would estimate the amount of urea in a given sample of urine.

4. Give an account of the functions of the following nerves, and in each case state the experimental evidence in support of the statements you make: (*a*) cervical sympathetic, (*b*) superior laryngeal, (*c*) *depressor*, (*d*) third cranial.

MATERIA MEDICA AND THERAPEUTICS—Two Hours.

5th October, 1897.

1. Name the official compounds of *Magnesium.* Give their doses, and an account of their actions and uses.

2. Describe the different ways in which drugs may produce purgation. Mention the classes into which purgatives are divided, giving an example of each, and the dose in which it is administered.

3. Explain how a feverish temperature is reduced by *cold water*, *aconite*, and *quinine*.

4. Give an account of the action of *chloral hydras.* State also its uses, preparation, and dose.

III.—THIRD PROFESSIONAL EXAMINATION.

REGIONAL ANATOMY (M.B. AND C.M.).

October, 1897.

1. Describe the structures to be seen on dividing the lower jaw below the condyle and removing the coronoid process and upper part of the ramus.

2. Describe the parts to be divided in order to remove the liver from the opened abdomen, and state the position of each part to be divided.

3. Describe the obturator artery and nerve, their distribution and varieties.

PATHOLOGY—TWO HOURS.

6*th October*, 1897.

(*Only* FOUR *questions to be answered.*)

1. Distinguish between the two conditions, Acute Hydrocephalus and Chronic Hydrocephalus, giving an account of the pathological conditions which may be connected with each, including the probable modes in which the accumulation of fluid comes about.

2. What are the conditions under which Necrosis occurs in the bone? Describe minutely the processes concerned in the separation and absorption of pieces of dead bone.

3. Describe the different forms of Aneurysm of the aortic arch, including the structure of their walls respectively. When repair occurs, how is it brought about?

4. Describe and contrast the naked eye and microscopic appearances of Phthisis Pulmonalis and Miliary Tuberculosis of the lungs.

5. Mention the different varieties of Anæmia, and describe the changes in the blood and elsewhere in Pernicious Anæmia.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

6*th October*, 1897.

(*Candidates for M.B. and Ch.B. to answer* THREE *questions in* A (*one of which must be No.* 1) *and* THREE *in B.—Three Hours.*

Candidates for M.B. and C.M. to answer ALL *the questions in* A.*—Two Hours.*)

A.

1. Give the symptoms and treatment of poisoning by Aconite. Indicate the poisonous doses of the various preparations of Aconite. In poisoning by Aconite, how may the cause of death be determined?

2. What are the different modes of death from immersion in water? Give the *post-mortem* appearances in each. What considerations might enable you to determine whether the case was suicidal or homicidal?

3. Enumerate the modes of infanticide in the order of their frequency. In overlaying, what appearances in the infant, with other considerations, might suffice to establish the crime of infanticide?

4. What gases have been known to cause death? Give the appropriate treatment and *post-mortem* appearances in each.

B.

1. What diseases may be contracted through eating the flesh of animals used for human food, and what preventive measures would you suggest to a Local Authority in each case?

2. The population of a town in 1871 was 20,000, and in 1891 it was 40,000; find the mean annual rate of increase per cent. during that period.

3. With regard to the death-rate of a town, what do you understand by the "Factor for Correction"? How is this Factor obtained? If applied to Glasgow, what would be the effect upon the recorded death-rate?

4. What are the requisites of an ideal Disinfectant? Compare the practical values of the chief disinfectants in use.

IV.—FINAL PROFESSIONAL EXAMINATION.

SURGERY—Two Hours.

7th July, 1897.

(Four *questions only to be answered, of which the* first *must be one.*)

1. Give the ætiology of pyogenic invasion of the tissues, and describe the histological phenomena accompanying the invasion.

2. Describe the varieties of dislocation of the hip, and give the treatment of the most frequent form.

3. Give the symptoms, appearances, and treatment of the various forms of carcinoma mammæ.

4. Describe the symptoms of renal calculus, and differentiate them from other affections presenting similar symptoms. Give the treatment of renal calculus.

5. Give the pathology and symptoms of appendicitis.

PRACTICE OF MEDICINE—Two Hours.

6th July, 1897.

1. A young girl has been subject to frequent attacks of quinsy, or inflammatory sore throat, adjudged to be without specific character. Under these circumstances, she is exposed simultaneously to the contagion both of Scarlet Fever and of Diphtheria, and a few days later complains of her throat. Give the differential diagnosis of the three

affections, as regards (*a*) the local signs referable to the throat; and (*b*) the other symptoms in the probable order of their development.

2. Indicate the principal symptoms and physical signs which might be expected to reveal the existence of a sacculated aneurysm of the arch of the aorta, distinguishing between those characteristic of an aneurysm of (*a*) the first part of the arch, and (*b*) one arising from the transverse or descending portions of the same.

3. Give a brief account of Chorea, having in view the distinctions which differentiate it from other diseases attended by clonic spasm or tremor.

Indicate the prognosis and treatment, (*a*) in cases as ordinarily observed (here also remark upon relations to age and sex); (*b*) in severe and threatening cases, with or without complications.

4. The following case occurred in the course of the year 1880, and was placed on record at the time; it is sufficient here to give the briefest possible abstract:—A man, aet. 22, had an attack of severe hæmoptysis, lasting for eight days, after which it ceased, and no further important disturbance of health occurred till about a year later. After that interval, what was at first called "inflammation of the right side" set in very suddenly, attended by severe pain and dyspnœa, which afterwards became considerably modified, without any very active treatment. When seen by Dr. Gairdner some months later, patient was free from all acute symptoms, and his general condition was then briefly as follows: "When at rest he was quite comfortable, free from pain and dyspnœa; not, however, fit for any considerable exertion, though able to walk the distance of a mile without feeling much exhausted." The physical signs at this period of the case were quite evidently those of pleuritic effusion; but the most precise medical testimony, founded on physical diagnosis, as well as on the symptoms, appeared conclusive as to an incident in the previous acute stage of "inflammation," which could not have been inferred from the physical signs existing later on. The patient was under observation at this time only for a few days, during which the pulse, respiration, and temperature were practically normal.

Comment on this narrative in detail, filling up the gaps with what may occur to you as likely to have guided the diagnosis at the different stages referred to. Remark also on the prognosis, and on any general or local treatment which might have been, or might come to be, required in view of the diagnosis adopted.

OBSTETRICS AND GYNAECOLOGY.—Two Hours.

7th July, 1897.

(Four *questions to be answered, including* 1 *and* 2.)

1. Describe shortly under what circumstances it would be necessary (*a*) to induce premature labour, (*b*) to perform craniotomy, (*c*) to perform Caesarean section.

2. Give the causes, symptoms, and treatment of puerperal septicaemia.

3. Describe the various forms of uterine fibroids, and the appropriate treatment for each.

4. Give the symptoms, diagnosis, and treatment of pelvic haematocele.

5. Enumerate the various conditions that may be made out (*a*) by digital examination, (*b*) by bi-manual examination, (*c*) by the use of the uterine sound.

V. FOR DEGREES IN LAW.

I.—PRELIMINARY EXAMINATIONS FOR B.L.

a.—ARTS AND SCIENCE PRELIMINARY.

(See pp. 431—450.)

b.—ARTS SUBJECTS.

(Same as for Degree of M.A. See pp. 450—478.)

II.—LAW EXAMINATIONS FOR LL.B. AND B.L.

1. CIVIL LAW—Three Hours.

(*Candidates are requested to answer only* TEN *of the following twelve questions.*)

1. Describe the constitution and functions of the *comitia curiata* in the time of the kings.

2. Discuss the causes of the ascendancy of the Senate during the period of the Punic wars. Compare generally the system of provincial administration under the republic with that subsisting under the early emperors.

3. Quodcunque ergo imperator per *epistolam* constituit, vel cognoscens *decreverit*, vel *edicto* praecepit, legem esse constat ; hae sunt quae constitutiones appellantur.

Translate this passage, with comments on the words in italics. Mention the more notable collections of imperial constitutions before the time of Justinian.

4. What is meant by the *jus naturale*? Examine the influence of this theory on the development of Roman law.

5. In the Institutes it is stated : Omne jus quo utimur vel ad personas pertinet, vel ad res, vel ad actiones.
What branches of law are dealt with in the Institutes under the head of *jus quod ad res pertinet*?
What conditions were considered essential to the existence of a natural *persona*?

6. Distinguish *matrimonium justum* and *non justum.* Contrast the effects on the property relations of the spouses of marriage *cum manu* and *sine manu* respectively. State the law regarding *donatio inter virum et uxorem.*

7. Define *tutela.* Mention some examples of the application of the maxim: Ubi successionis est emolumentum, ibi et tutelae onus esse debet.

Explain the import of the statement: Certae autem rei vel causae tutor dari non potest; quia personae, non causae vel rei datur.

8. What were (*a*) *res communes*, (*b*) *res sanctae*? Explain the doctrine of *occupatio*, as a mode of acquiring property. What conditions must concur in order to the acquisition of property by *usucapio*?

9. What were the rights of a *creditor pigneraticius* in the subject of pledge, in a question with the debtor, in the time of Justinian?

10. Explain the expressions *dies legati cedit, dies legati venit.* State concisely the law regarding the *Querela inofficiosi testamenti.*

11. Give examples of *pacta*, which, in the later law, were effectual to create obligations. Distinguish *obligationes ex delicto* and *quasi ex delicto.*

12. What was an innominate contract? Trace briefly the history of *verbal* contract in Roman law. For what reasons might a *stipulatio* be *inutilis*?

(*Candidates who aim at the* LL.B. STANDARD *are recommended to answer, in addition to the above,* TWO *of the following questions.*)

1. Explain the expressions in the law of sale: *laesio enormis, pactum displicentiae, lex commissoria.*

2. Translate: Item si et emptor et venditor scit furtivum esse quod venit, a neutra parte obligatio contrahitur; si emptor solus scit, non obligabitur venditor nec tamen ex vendito quicquam consequitur, nisi ultro quod convenerit praestet; quod si venditor scit, emptor ignoravit, utrinque obligatio contrahitur.

State briefly the law regarding the sale of stolen property.

3. Enumerate the more important obligations of buyer and seller respectively.

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2. LAW OF SCOTLAND—THREE HOURS.

(*Not more than* TWELVE *of the following questions to be attempted, of which* ONE *must be in criminal law.*)

1. Dies cedit et venit. Give the corresponding expressions for obligations other than pure, and explain how both pure and other obligations are dealt with for the purposes of ranking in bankruptcy.

2. What is the nature and extent of the banker's lien? Notice the cases (*a*) of the customer keeping more than one account with the bank, and (*b*) of the bank being vested by *ex facie* absolute title in securities belonging to a third party.

3. State briefly the policy of the Workmen's Compensation Act, 1897, the employments to which it applies, the scale of compensation payable, and how far it affects remedies existing at its date.

4. What are the principal occasions in which the determination of the heritable or moveable nature of property is of importance? State the considerations in each case which will be relevant to the determination.

5. What are the rights of a landlord to have the tenant of a farm removed for non-payment of rent?

6. Mention some of the cases in which receipt of a share of profit is not of itself deemed to constitute the receiver a partner. Does the receiver rank with the other creditors upon the insolvency of the firm?

7. What is the negligence clause in a bill of lading? Discuss its relation to the seaworthiness of the vessel.

8. How far is presentment for payment of a bill of exchange necessary in order to preserve the holder's rights against the various parties thereto?

9. A man dies leaving a widow and four of a family, two sons and two daughters. By testament he bequeaths the moveable estate to the two daughters equally between them. The elder daughter, who is married, renounced her legitim upon marriage. The elder son takes the landed property and does not collate. How will the remaining estate, consisting of railway shares, value £6000, and a heritable bond for £3000, fall to be divided, assuming those interested in claiming, and competent to claim, their legal rights do so?

10. Comment upon the validity of a settlement upon a wife by postnuptial contract of marriage.

11. Describe the quinquennial prescription.

12. At whose instance and under what general conditions may sequestration be awarded?

13. The butler, out of ill-will to the cook, complains to the master that he will leave unless the cook is dismissed. For the sake of peace the master dismisses the cook. Explain the considerations which will determine whether the cook can maintain an action of damages against the butler, assuming she was dismissed (*a*) with, or (*b*) without, the usual warning.

14. What is the crime of assault? Classify the principal aggravations.

15. May a person be competently convicted of an attempt to commit a crime? Trace the development of the law on this subject.

3. CONVEYANCING—Three Hours.

(*Only* TWELVE *questions need be answered.*)

1. Frame a full and fair clause of reservation of minerals for a Feu Charter. What is necessary to enable a feuar to prevent mineral working if it would cause surface damage, and what is necessary to prevent the feuar having a claim of damages if surface damage is done?

2. What is a Charter of Novodamus? In what circumstances was it appropriate, and in what circumstances was resignation into the Superior's hands necessary before the granting of the Charter? When, and to what effect, was the law altered?

3. What is meant by Composition? Explain the mode of estimating an untaxed Composition, discussing carefully the rules for deduction of Teind, and the fixing of the Teindable rental.

4. What are the *real* remedies competent to a superior whose feuduty is in arrear, and what is their respective extent in respect of a feu, a part of which has been sold by the feuar, another part sub-feued, and another part let? What would be the effect of (*a*) consent to a sub-feu, (*b*) consent to a conveyance, and (*c*) an allocation of the feuduty by the superior?

5. Give a short historical account of the completion of the heir's title to feudal subjects through the superior. Notice crown holdings.

6. Explain briefly the structure of a modern Contract of Ground Annual. How does it differ from the older form, and why was the change made?

7. What was meant by an *indefinite precept*, and in what circumstances was it appropriate? Explain carefully what was the precise effect of taking infeftment upon it. Notice the common case of production of a split, and discuss whether the law on the subject was consistent with principle.

8. Explain the phrases, Warrant for Infeftment, Warrant of Registration, Consent to Registration for Preservation, pointing out to what each refers, and to what circumstances it is applicable.

9. Write a short account of the changes on the law and procedure of services introduced by the Service of Heirs Act. Notice any further changes introduced by subsequent legislation.

10. What is the Act and Warrant of a Trustee in Bankruptcy? What precisely does it carry, and to what extent and effect? How far does it supersede the necessity of a feudal title? What is meant by saying that the *radical right* remains in the Bankrupt?

11. Under a destination of heritage to *A* and *B* and the survivor, explain carefully the nature and extent of the right, present and future, taken by each. Notice the cases of *A* and *B* being (*a*) husband and wife, (*b*) parent and child.

12. Explain the effect of the following destinations of heritage from strangers:

To *A* in liferent and the children of *B* in fee.
To *A* in liferent and his son *B* in fee.
To *A* in liferent and his son *B* in fee, with power of disposal to *A*.
To *A* and *B*, spouses and their heirs.

13. In heritage the presumption is for substitution, in moveables for conditional institution. Explain this rule and its effects. Give illustrations.

14. Explain carefully the effect of the twentieth section of the 1868

Act upon the testamentary disposal of heritage. How far does it affect the question of what is carried by a settlement?

15. What is meant by a vested interest? Notice the case of vesting subject to defeasance. Under what circumstances is the latter possible? Distinguish it from postponed vesting.

16. What were before 1874, and what are now, the essentials of a good prescriptive title to land? Is it competent to go beyond the four corners of the deeds constituting a prescriptive progress (*a*) to attack, (*b*) to support the title? Explain the matter.

4*a*. PUBLIC INTERNATIONAL LAW—THREE HOURS.

(*Omit* ONE *question in each of the groups.*)

A.

1. Examine the argument in support of the view that international law constitutes a branch of true law.

2. Has a state any right superior to the duty of respecting the independence of other states? Show reason.

3. Sum up the doctrine of Grotius, as expressed in the *Mare Liberum*, and that of Selden, as expressed in the *Mare Clausum*.

4. Argue the right of a state to grant asylum to refugees from foreign countries. How far is the right qualified by the common interest of states in the punishment of criminals?

5. Explain the object and the scope of the Munroe doctrine.

B.

6. What in general are the conditions which must exist in order to render intervention lawful? Note the chief grounds on which intervention has taken place or has been argued to be permissible.

7. Mention and briefly discuss the antecedent conditions of the validity of a treaty.

8. Describe the characteristics of a treaty of guaranty, and illustrate the different species of such a treaty by reference to historical examples.

9. How far, if at all, has modern practice relaxed the rule that war puts an end to all non-hostile relations between the subjects of enemy states, as well as between the subjects of each and the government of the other?

10. Give the main provisions of the Geneva Convention with regard to the treatment of sick and wounded enemies.

C.

11. Mention the chief disabilities under which prisoners who have been released on parole stand. What is the penalty for a breach of the conditions on which a prisoner has been paroled?

12. Distinguish between contributions and requisitions (*a*) as to their specific character, (*b*) as to the officers by whom they may be levied,

and (*c*) as to whether they can lawfully be levied by a naval force under threat of bombardment without occupation of territory by a force of debarkation.

13. Explain and criticise the issues in any two of the following cases: the Caroline (1838), the Alabama (1862), the Shenandoah (1865), the Virginius (1873).

14. In what cases does a neutral expose himself to a penalty for carrying despatches, and in what cases does he not? What is the penalty, and how, if at all, does it differ from that on the carriage of contraband merchandise?

15. State the doctrine of the *Consolato del Mare* as to the treatment (*a*) of enemy goods in neutral ships, (*b*) of neutral goods in enemy ships.

4*b*. INTERNATIONAL PRIVATE LAW—THREE HOURS.

(*Omit* ONE *question in each of the groups.*)

A.

1. Distinguish between political and civil status.

2. Can an alien claim to be tried by a jury *de medietate linguae*?

3. In the absence of an express contract, what rule will regulate the rights of husband and wife (*a*) in the movable property belonging to either of them at the time of marriage, or acquired by either of them during marriage; (*b*) in immovable property?

4. *F*, the father by *M* of a male child *C* born out of wedlock, subsequently marries *M*. At the time of *C*'s birth *F* is a domiciled Englishman, but at the time of the marriage has acquired a Scots domicil. Is *C* legitimated *per subsequens matrimonium*?

B.

5. What are the practical objections to applying the maxim *mobilia sequuntur personam* as the rule determining all questions connected with movable property?

6. The property of a debtor, *D*, is being simultaneously administered in bankruptcy both in Scotland and abroad. Is *C*, a creditor who has received a dividend in the foreign bankruptcy, entitled to receive anything in the Scots one, without communicating the foreign dividend, (*a*) where *C* is by the law of the foreign bankruptcy entitled to a preference; (*b*) where he is not so entitled?

7. Criticise the doctrine that the parties to a contract are entitled to contract themselves out of or into any law they please.

8. *P* accepts in France a bill payable in Scotland. What law regulates (*a*) the intrinsic validity of the acceptance; (*b*) the measure of *P*'s liability; (*c*) the other incidents of payment?

C.

9. Give in substance the statutory rules as to wills made by British subjects (*a*) outside the United Kingdom; (*b*) within the United Kingdom.

10. A contract is made in London and written in English for the carriage of goods on board a German ship. Discuss the bearing of these facts on the question, by what law the contract is to be interpreted.

11. What are the two theories as to the law which sanctions claims arising out of delicts or *quasi* delicts? Which of the theories is established in this country?

12. If a foreign and a British vessel come into collision on the high seas, by what law will the criterion of negligence be determined in an action in a British Court?

4*c*. JURISPRUDENCE THREE HOURS.

PHILOSOPHY OF LAW.

(*Omit* ONE *question in each of the groups.*)

A.

1. Discuss the connexion between jurisprudence and psychology.

2. Will involves the antithesis of universal and particular.—Elucidate this statement, and show how it bears on the science of law.

3. Examine the possibility of freedom in the case of a will that is related to motives originating from without.

4. Law is the expression of the will which constitutes persons, and determines in accordance with its own necessity the consequence as well as the character of their relations to one another.—Explain and criticise this definition.

5. Mention the principal causes of difference between the positive law of one country and that of another.

B.

6. Is a sanction essential to law?

7. Argue out the proposition that the idea of right is made explicit in judicial decisions.

8. Investigate the primitive relation between crimes and civil injuries.

9. Analyze the notion of property.

10. *Possessio est facti, dominium est juris.*—Comment on this doctrine.

C.

11. Define prescription, and make clear how prescription comes to be distinguished as positive and negative.

12. Show the historical transition in Roman law from intestate succession to testamentary.

13. What do you understand by the juridical determination of a *de facto* relation of persons? Illustrate by some typical case.

14. Where the prestation in an obligation is the avoidance of nuisance or of offensive acts, examine the theoretical ground of the obligation.

15. Enumerate and classify the juridical acts which are implied in a contract. Describe the character of the right which accrues immediately on the completion of the contract, and explain the effect to which the right is valid.

5. CONSTITUTIONAL LAW AND HISTORY—THREE HOURS.

(*Candidates for B.L. and LL.B. are asked to omit* ONE *question in each group.*)

(*Candidates for M.A. who do not aim also at a Law Degree are asked to omit* TWO *questions in each group.*)

A.

1. Examine the statement that "the composition of the House of Lords depends on the royal prerogative."

2. In what person or institution is vested the power of making treaties? What checks or restrictions are imposed upon its exercise?

3. In what respects did the institutions of the Anglo-Saxons in the reign of Edward the Confessor differ from those found by Caesar and Tacitus among the primitive German tribes?

4. Explain the constitutional aspects of the quarrel between Henry II. and Archbishop Thomas à Becket.

5. Sketch the history of Parliament in the reign of Edward III. Did it establish any new privileges or strengthen any old ones?

B.

6. What redress (if any) has a wronged individual against the Crown for (*a*) pecuniary loss, (*b*) injury to person or character?

7. What are the chief privileges and exemptions enjoyed by a Member of Parliament?

8. What is meant by "The New Monarchy"? Describe the chief causes that contributed to its establishment, and show how they influenced the Constitution.

9. Explain the use made by Elizabeth and James I. of royal proclamations. What attempts were made to prevent their abuse?

10. Argue against ship-money as levied in the years 1634-36 on (*a*) technical legal grounds, and (*b*) broad constitutional principles.

C.

11. Outline the entire procedure required before an ordinary bill becomes a statute.

12. Explain, according to Dicey, "the aim of federalism," and "the essential characteristics of federalism." What does he mean when he says "The sovereign is, in a federal state, a despot hard to rouse"?

13. Sketch the history of the Star Chamber in its origin, progress, and fall.

14. Describe the chief statutes passed by the Long Parliament prior to the outbreak of the Civil War, mentioning in each case whether any alterations have been made by subsequent legislation.

15. Explain the constitutional questions raised in the course of the the impeachment of Danby.

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6. FORENSIC MEDICINE—TWO HOURS.

(*Only* FOUR *questions to be answered.*)

1. Discuss the various circumstances which may affect the pre-

sumption of survivorship in cases of death from (*a*) asphyxia, (*b*) drowning, and (*c*) starvation.

2. What are the principal tests for blood in a suspicious stain? Describe one of them carefully, and indicate in what circumstances it is applicable, and how far it is conclusive.

3. In questions of paternity or affiliation what conclusions can be based upon considerations of the duration of pregnancy and the viability of children? How may an opinion be guided by examination of the infant?

4. Discuss carefully the uses and limitations of chemical analysis in affording evidence in charges of poisoning.

5. What is meant by "live-birth" in law? What, practically, is the effect of this as regards the evidence necessary to establish a charge of infanticide? What do you understand by "criminal abortion"?

VI.—FOR DEGREE OF B.D.

I.—FIRST DEPARTMENT.

1. HEBREW.

FIRST PAPER—Three Hours.

I. Point and translate the following :—

וידבר יהוה אל משה לאמר׃ דבר אל העדה לאמר העלו
מסביב למשכן קרח דתן ואבירם׃ ויקם משה וילך אל דתן
ואבירם וילכו אחריו זקני ישראל׃ וידבר אל העדה לאמר
סורו נא מעל אהלי האנשים הרשעים האלה ואל תגעו בכל
אשר להם פן תספו בכל חטאתם׃ ויעלו מעל משכן קרח
דתן ואבירם מסביב ודתן ואבירם יצאו נצבים פתח אהליהם
ונשיהם וטפם׃ ויאמר משה בזאת תדעון כי יהוה שלחני
לעשות את כל המעשים האלה כי לא מלבי׃ אם כמות כל
האדם ימתון אלה ופקדת כל האדם יפקד עליהם לא יהוה
שלחני׃ ואם בריאה יברא יהוה ופצתה האדמה את פיה
ובלעה אתם ואת כל אשר להם וירדו חיים שאלה וידעתם
כי נאצו האנשים האלה את יהוה׃ ויהי ככלתו לדבר את
כל הדברים האלה ותבקע האדמה אשר תחתיהם׃ ותפתח
הארץ את פיה ותבלע אתם ואת בתיהם ואת כל האדם אשר
לקרח ואת כל הרכוש׃ וירדו הם וכל אשר להם חיים שאלה
ותכס עליהם הארץ ויאבדו מתוך הקהל׃

II. Give the following in punctuated Hebrew :—

(1) After these things it came to pass that Pharaoh king of Egypt came out to raise war by the river Euphrates, and Josiah went out to meet him. But the king of Egypt sent to him, saying, What have I to do with thee, O king of Judah? I am not sent out from the Lord God against thee; for my war is upon Euphrates: and now the Lord is with me, hasting me forward; depart from me and be not against the Lord. Howbeit Josiah did not turn back, but undertook to fight with him, not regarding the words of the prophet Jeremiah by the mouth of the Lord. And he joined battle with him in the plain Megiddo, and fell there.

(2) Then went I forth as he commanded me, and gathered all the people together, and said, Hear these words, O Israel. Our fathers at the beginning were strangers in Egypt, and they were delivered from thence, and received the law of life, which they kept not, which ye also have transgressed after them. Then was the land given you for a possession; but ye yourselves and your fathers have done unrighteousness, and have not kept the ways which the Most High commanded you.

(3) Blessed is God that liveth for ever, and blessed is His kingdom. For He chastiseth and showeth mercy: He leadeth down to the grave, and bringeth up again; and there is none that shall escape His hand. Give thanks unto Him before the Gentiles, ye children of Israel, for He hath scattered us among them. There declare His greatness, and extol Him before all the living: because He is our Lord, and God is our Father for ever.

(4) Observe the opportunity, and beware of evil and be not ashamed to make confession. For there is a shame that bringeth sin, and there is a shame that is glory and grace. Refrain not thy speech when it tendeth to safety, and hide not thy wisdom for the sake of fair-seeming. Strive for the truth unto death, and the Lord God shall fight for thee.

SECOND PAPER.—Three Hours.

I. (1) Translate: Deuteronomy xxxii. 15—25.

(2) Parse ויבעט (v. 15); תשי (v. 18); ותיקד (v. 22); and אספה (v. 23).

(3) What is the syntax of v. 15 *b*; of אלהים לא ידעום in v. 17; and of לחמי רשף in v. 24?

(4) In what different ways has v. 19 been construed?

(5) In v. 23 for אספה the LXX. have *συνάξω*. How is the text to be pointed so as to yield this rendering?

(6) Give short notes on ישרון (v. 15); עבית (v. 15); and שערום (v. 17)—with special reference to the meanings that have been ascribed to the words.

(7) Sum up the contents of this chapter. Characterise its literary style and general *tone*; and discuss its situation and probable date.

(8) What importance attaches to the book of Deuteronomy in the

sphere of Pentateuch criticism? What materials does the book afford for the determination of its date; and what are the leading views held as to the date and composition?

II. (1) Translate:—Isaiah xviii.

2. Parse מורט (v. 2); הסיר and התז (v. 5); קָץ (v. 6); and יובל (v. 7).

(3) אשקוטה (v. 4). Point both Qrê and Kthib.

(4) What is the syntax of השלח (v. 2); יהיה נצה (v. 5); וכרת (v. 5); and הסיר התז (v. 5)?

(5) צלצל כנפים (v. 1). State and criticise the different meanings that have been given to the phrase.

(6) Write short notes on ממשך ומורט (v. 2); קו־קו (v. 2); and מן־הוא והלאה (v. 2).

(7) State concisely the substance and drift of this passage. Explain the geographical and ethnographical references; and discuss the historical reference.

2. NEW TESTAMENT EXEGESIS—Three Hours.

1. Where is Luke mentioned by name in Scripture? What information do these passages give us regarding him?

2. State and estimate the value of the evidence for Luke being the author or compiler of the Gospel commonly ascribed to him.

3. Mention some of the peculiarities of the Gospel. State any frequently recurring topics in it, and account, if you can, for their presence.

4. Translate with careful attention to the tenses, the words *ταῦτα λέγων ἐφώνει* in Luke viii. 8, and indicate their relation to the context.

5. Compare the passage Luke viii. 5—18 with the similar passages in Matthew, point out the differences, and show that these differences fall in with the structure of the whole passage as given by Luke.

6. Translate, with notes explanatory of any difficulty, Luke xi. 47—51.

7. 1 Cor. xii. 1—3. Discuss the various readings of this passage, note any peculiarities of construction, and give the exegesis clause by clause.

8. Translate, with critical and exegetical notes, 2 Cor. i. 12—14. Discuss the different ways of punctuating this passage that have been suggested, and their effect upon the exegesis.

3. APOLOGETICS—Three Hours.

THE THEISTIC ARGUMENTS.

1. State and criticise the treatment of the Ontological Argument by Anselm, Descartes, and Kant.

2. Summarize the exposition of the Teleological Argument by Clarke or Paley, and show how it is dealt with by Hume or Kant. How has the Argument been affected by the recent theory of evolution, especially in the Darwinian School?

3. How does Hegel deal with the Theistic Arguments? Examine his criticism of Kant in this connection, and the validity of his own method and results.

AGNOSTICISM.

4. Sketch the history of Agnosticism, starting from Hume, and account for its spread in the present day. Add a note on the origin and appropriateness of the term and of other synonymous terms in use.

5. Summarize Spencer's exposition of the principle of Agnosticism and compare it with the expositions of Mansel, Comte, and contemporary neo-Kantians. Do you consider the Agnostic Epistemology tenable and sufficient? Give reasons.

6. Examine the attempts to overcome Agnosticism by appeals to (1) Natural Faith or Spontaneous Belief; (2) Religious Intuition; and (3) Supernatural Revelation.

THE SEMITIC RELIGIONS.

7. State and examine any recent attempts to differentiate generally the Semitic from the Indo-European or Aryan Religions, and to determine certain characteristics common to the latter. Refer to Renan, Max Müller, and others.

8. Describe generally the Babylonio-Assyrian Religion in its pantheon, its cosmogony, its ritual, and its conceptions of the Life after death. Compare the ancient Syrian Religion with it in these respects. Refer especially to the myths of Istar and Tammuz.

9. Can the Religion of Ancient Israel be explained as a natural evolution of prior Semitic Religions? Examine this question specially under reference to the Yahwe worship, referring to Merodach, Bel, El, the god of the Kenites, etc.

Or, Examine the theories of the essential principle of the Israelite Religion advocated by Hegel, Schleiermacher, Kuenen, Oehler, or Schultz.

II.—SECOND DEPARTMENT.

1. DIVINITY—Three Hours.

(*Not more than* TEN *questions to be answered.*)

1. Give a summary view of the Person of Christ as it may be derived from His own words in the Synoptic Gospels.

2. State and examine the views of Harnack regarding the origin and value of the Logos Christology of the Ancient Church, and indicate chronologically the leading steps in its development.

3. Compare the chief forms of the ancient Monarchianism with kindred forms of modern Unitarianism, and estimate their scriptural validity.

4. Analyse and criticise the Christological dogma of the Council of Chalcedon, and show how the Monothelete Controversy followed as a natural consequence, and how it was settled.

5. Account for the peculiar Christological standpoint and tendency of the Lutheran Church, and give an account of any two modern Kenotic theories.

6. State and criticise the speculative Christological ideas of Kant, Schelling, and Hegel or Strauss, and indicate their influence upon Christian Theology in the Nineteenth Century.

7. State carefully, and estimate Ritschl's view of the Work of Christ. Account for its present influence.

8. State and criticise the theories of the Atonement advocated by Schleiermacher, Maurice, and Dr. M'Leod Campbell.

9. Explain the theological import and examine the validity of the following dogmatic formulae: (1) The sufferings of Christ were *sacrificial* and *vicarious*; (2) The death of Christ was a *satisfaction* to Divine justice ; (3) The righteousness of Christ is *imputed* to the believer.

10. Summarize Paul's conception of the Gospel and the mode in which he establishes it in the first three chapters of the Epistle to the Romans. Explain the expressions—

(1) *δικαιοσύνη Θεοῦ*; (2) *διὰ νόμου ἐπίγνωσις ἁμαρτίας*; (3) *νυνὶ δὲ χωρὶς νόμου δικαιοσύνη Θεοῦ πεφανέρωται* ; (4) *διὰ τῆς ἀπολυτρώσεως τῆς ἐν Χ. Ι. ὃν προέθετο ὁ Θεὸς ἱλαστήριον.*

11. State carefully Paul's doctrine of Justification both on its negative and positive sides, examining his usage of the terms *δικαιοῦν* and *πίστις*; and show how it is related to the principle of Sanctification. Review the Tridentine doctrine of Justification.

12. Explicate Paul's view of Predestination and Election as exhibited in Romans viii.-xi., summarizing his considerations regarding the rejection of Israel. How far are the Calvinistic and Arminian interpretations respectively tenable ?

13. Discuss the Priestly Office of Christ in relation to the O.T. Sacrifices and their typical import. Explain the distinction drawn between Christ's active and passive Obedience.

14. Exhibit the teaching of Christ in the Synoptics regarding the Kingdom of God, and trace its influence on recent theology.

2. CHURCH HISTORY—Three Hours.

1. Sketch briefly the circumstances, political and ecclesiastical, which led to the calling of the Council of Trent.

2. Give the dates of the opening and the final close of the Council. Under which Popes was it held? Examine its claim to be called œcumenical.

3. State the main objects for which the Council was held. Compare the Tridentine and the Westminster positions regarding the Rule of Faith.

4. Trace the history of the Arminian controversy in Holland up to the meeting of the Synod of Dort.

5. Name in order the "Five Points." What was the sentence passed on the Remonstrants?

6. Compare the Calvinistic and the Arminian positions as to (1) Grace, (2) Election, and (3) The Nature and Extent of the Atonement.

7. Trace the influence of the Council of Dort on theological thought in England and Scotland.

8. By what authority and for what objects was the Westminster Assembly called? Name the Scottish commissioners.

9. What different views on Church Government were represented in the Assembly? Give an account of the Erastian controversy.

10. Mention the productions of the Assembly. When, and under what reservations, was the Confession of Faith adopted by the Church of Scotland?

11. Indicate the doctrinal system embodied in the Confession of Faith, and illustrate by referring to its teaching on (1) God's eternal decree, and (2) Effectual calling.

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3. BIBLICAL CRITICISM.

a. TEXTUAL CRITICISM—Two Hours.

1. How do various readings arise? State the chief rules for eliminating changes that are due to error on the part of copyists.

2. Estimate the relative value of the evidence for the text afforded by (*a*) Greek Manuscripts, (*b*) Versions, and (*c*) Patristic Citations. Give reasons for your answer.

3. A reading which has in its favour one Greek Manuscript and two versions in different languages is more likely to be correct than a reading which is found in (say) three Greek Manuscripts and nowhere else. Explain the grounds for this statement. In the light of recent investigations ought we to regard the Codex Bezae with the Old Latin and Syriac versions as a group to which this rule is applicable? If not, why not?

4. What means are available for determining (*a*) the age of a MS. and (*b*) the age of its text?

5. State and criticise the Recension-theory propounded by Hug, and also that propounded by Westcott and Hort. Mention the characteristic features of the several texts which, according to Westcott and Hort, are represented in the existing MSS. of the Gospels.

6. Give some account of the Latin and the Syriac Versions.

7. *In ipsis autem interpretationibus Itala ceteris praeferatur. Nam est verborum tenacior cum perspicuitate sententiae.* To what version did Augustine in these words refer? What different answers have been given to this question?

8. What views of Comparative Criticism are represented by Westcott and Hort on the one side and by Burgon and Miller on the other?

b. HERMENEUTICS—Two Hours.

1. Distinguish the two sets of causes which render the meaning of a modern copy of an ancient writing doubtful, and state the resources at our command for removing ambiguity.

2. State and criticise the various opinions as to the province of Hermeneutics.

3. State the several steps in the process gone through by an interpreter in ordinary life. Apply this to the case of an ancient writing, and hence deduce the theoretical divisions of Hermeneutics.

4. Mention and classify the causes which lead a speaker or writer to use figurative language. What errors in interpretation result from overlooking Emotion in the writers of Scripture? Give illustrations.

5. What errors must be avoided in interpreting the parables of Jesus? What aids are available for discovering the fundamental thought of a parable? Illustrate your answers by examples.

6. What facts regarding the style and diction of the Epistles of Paul give insight into the circle of thought and the habits of thought of the Apostle? Answer the analogous question in regard to the Fourth Gospel and the First Epistle of John.

7. State and compare the conditions under which the allegorical method of interpretation took its rise among (1) the Stoics, (2) the Jews of Alexandria, and (3) the early Christians.

8. Compare the School of Alexandria and the School of Antioch. State precisely the signification of the word School in the two cases. Name the chief representatives of each.

VII—EXAMINATIONS FOR HISTORICAL PRIZES.

I.—LUKE.

A.—ROMAN HISTORY.

1. Translate and comment upon the following passages :—

(*a*) Idemque, in quo fuit publicola maxime, legem ad populum tulit eam, quae centuriatis comitiis prima lata est, ne quis magistratus civem Romanum adversus provocationem necaret neve verberaret. Provocationem autem etiam a regibus fuisse declarant pontificii libri, significant nostri etiam augurales, itemque ab omni iudicio poenaque provocari licere indicant XII tabulae conpluribus legibus, et, quod proditum memoria est, X viros, qui leges scripserint, sine provocatione creatos, satis ostenderit reliquos sine provocatione magistratus non fuisse; Luciique Valerii Potiti et M. Horatii Barbati, hominum concordiae causa sapienter popularium, consularis lex sanxit, ne qui magistratus sine provocatione crearetur. Neque vero leges Porciae, quae tres sunt trium Porciorum, ut scitis, quicquam praeter sanctionem attulerunt novi.

(*b*) Creatique tribuni C. Licinius et L. Sextius promulgavere leges omnes adversus opes patriciorum et pro commodis plebis, unam de aere alieno ut deducto eo de capite, quod usuris pernumeratum esset, id quod superesset triennio aequis portionibus persolveretur, alteram de modo agrorum ne quis plus quingenta iugera agri possideret, tertiam ne tribunorum militum comitia fierent consulumque utique alter ex plebe crearetur.

(*c*) Et quum rogationem promulgassent ut ager ex hostibus captus viritim divideretur, magnaeque partis nobilium eo plebi scito publicarentur fortunae—nec enim ferme quicquam agri ut in urbe alieno solo posita non armis partum erat, nec quod venisset adsignatumve publice esset praeterquam plebs habebat—atrox plebi patribusque propositum videbatur certamen.

(*d*) Tum Cn. Pompeius tertium consul corrigendis moribus delectus et gravior remediis quam delicta erant suarumque legum auctor idem ac subversor, quae armis tuebatur, armis amisit. Exim continua per viginti annos discordia, non mos, non ius; deterrima quaeque impune ac multa honesta exitio fuere. Sexto demum consulatu Caesar Augustus, potentiae securus, quae triumviratu iusserat abolevit, deditque iura quis pace et principe uteremur.

2. Describe briefly the relations of Rome with Carthage down to the end of the Third Punic War. What were the circumstances which brought the two powers into collision? Give the names and dates of all the more important battles that were fought between them.

3. To what extent is it true that the Battle of Actium may be described as "a Second Salamis"?

4. Contrast the colonial systems of Greece, Rome, and Great Britain, with especial reference to their bearing upon the power of the mother country.

5. Describe shortly the Roman system of criminal jurisdiction. In what respects, and from what causes, did it break down?

6. Give a life of Marius, with dates.

7. "Caesar was by nature as intolerant, as Augustus was tolerant, of established forms." Explain and criticise this statement.

8. Describe accurately the frontiers of the Roman Empire at the time of the death of Augustus. To what extent was the empire subsequently extended, and by whom?

9. What light does the history of Rome throw upon the question of a Single or a Double Chamber?

10. How far do the Arts and Professions in which the Greeks and Romans respectively achieved excellence illustrate the difference between the Greek and Roman character?

11. Enumerate the various populations outside Latium inhabiting

Italy at the time of the foundation of Rome, and state what is known of their relation to the Romans.

12. Trace the development of military tactics among the Romans; and give the causes which gave rise to changes.

B.—GREEK HISTORY.

I. Comment upon the following passages, translating when necessary :—

1. Καὶ μετὰ τὰ Τρωικὰ ἡ Ἑλλὰς ἔτι μετανίστατό τε καὶ κατῳκίζετο ὥστε μὴ ἡσυχάσασα αὐξηθῆναι· ἥ τε γὰρ ἀναχώρησις τῶν Ἑλλήνων ἐξ Ἰλίου χρονία γενομένη πολλὰ ἐνεόχμωσε, καὶ στάσεις ἐν ταῖς πόλεσιν ὡς ἐπὶ τὸ πολὺ ἐγίγνοντο.

What conditions and events does this refer to? Is it the true explanation?

2. Δράκοντος δὲ νόμοι μέν εἰσι, πολιτείᾳ δὲ τῇ ὑπαρχούσῃ τοὺς νόμους ἔθηκεν. ἴδιον δ' ἐν τοῖς νόμοις οὐδέν ἐστιν ὃ καὶ μνείας ἄξιον, πλὴν ἡ χαλεπότης διὰ τὸ ζημίας μέγεθος.

Criticise this statement.

3. (*a*) Ὑᾶται, Ὀνεᾶται, Χοιρεᾶται.

(*b*) Μετὰ δὲ τετραφύλους ἐόντας τοὺς Ἀθηναίους δεκαφύλους ἐποίησε, τῶν Ἴωνος παίδων ἀπαλλάξας τὰς ἐπωνυμίας.

Explain the names in (*a*) and the statement in (*b*).

4. Ἀθηναίοισι δὲ οὐκ ἐδόκεε ἀρχὴν Ἰωνίην γενέσθαι ἀνάστατον, οὐδὲ Πελοποννησίοισι περὶ τῶν σφετερῶν ἀποικιῶν βουλεύειν.

What was the proposal the Athenians opposed?

5. Καὶ τὴν μὲν ἐν Ἀρείῳ πάγῳ βουλὴν Ἐφιάλτης ἐκόλουσε καὶ Περικλῆς.

Explain and criticise.

6. Εἰ δὲ προχωρήσειε ταῦτα, ἤδη τῇ Πελοποννήσῳ ἐμέλλομεν ἐπιχειρήσειν, κομίσαντες ξυμπᾶσαν μὲν τὴν ἐκεῖθεν προσγενομένην δύναμιν τῶν Ἑλλήνων, πολλοὺς δὲ βαρβάρους μισθωσάμενοι καὶ Ἴβηρας.

Who said this? Was the idea ever really entertained?

7. Οὐκ ἔφη ἑαυτοῦ γ' ἄρχοντος οὐδένα Ἑλλήνων εἰς τὸ ἑαυτοῦ δύνατον ἀνδραποδισθήσεσθαι.

Who said this? What was the usual practice?

8. Ἀργαῖον κατάγοντας λαβὼν τῶν ἡμετέρων τινὰς πολιτῶν, ἀφῆκε μὲν αὐτούς, ἀπέδωκε δὲ πάντα ὅσ' ἀπώλεσαν, πέμψας δὲ γράμματα ἐπηγγέλλετο ἕτοιμος εἶναι συμμαχίαν ποιεῖσθαι.

Explain historically.

II. Answer not more than FOUR of the following :—

1. Discuss the civilization of Mycenae and Tiryns.

2. Discuss the position in Greek History of the Carians, Leleges, Minyae, Aetolians.

3. Discuss the position and influence of the Delphic Oracle.

4. Show the political justification for the existence of τύραννοι and συκόφανται.

5. What were the principal trade-routes and trade-wars?

6. Show the geographical divisions of the Athenian Empire, and discuss the incidence of the tax.

7. Give the allies of both parties at the outbreak of the Peloponnesian War.

8. Describe the battles of Artemision, Mantinea, Chaeronea; and state what Greek troops were engaged at Thermopylae.

9. Give an account of the conspiracy of Cinadon.

10. Give an account of the (second) Sacred War.

11. Give an account of Cleomenes I., Theramenes, Epaminondas.

II.—GLADSTONE.

1. Explain the organization of an English 'manor,' and explain the chief theories that have been advanced as to its origin.

2. "The Danish and Norman Conquests strengthened instead of weakening the ascendancy of Wessex." Discuss this statement.

3. Compare the character and aims of Simon de Montfort with those of Thomas of Lancaster.

4. Estimate the results of the War of Independence upon the internal development of Scotland.

5. Examine the respective claims of Edward IV. and Henry VII. to be regarded as the founder of personal monarchy in England.

6. "The specially constitutional work of Henry VIII. was the admission of the House of Commons to a preponderating influence in Parliament." Explain and illustrate.

7. How far may the Great Rebellion be said to have produced lasting results?

8. Estimate the importance of the Revolution of 1688-9 in the history of Ireland.

9. Illustrate and account for the subsidence within the 18th century of the discontent excited in Scotland by the Act of Union.

10. Compare the War of the Spanish Succession with the Seven Years' War as epochs in the expansion of England.

11. Examine the part played by Great Britain in the war against Napoleon after 1803, and show how it contributed to the ultimate defeat of the French.

12. Estimate the claims of Sir Robert Peel to be regarded as a great statesman.

XIII.—VACATION EXERCISES, Etc.

FOR 1898-99.

HEBREW AND SEMITIC LANGUAGES.

Prizes are offered—

1. For an original composition in Hebrew.
2. For readings in the Old Testament Scriptures.
3. For an essay on the Origin of the Psalter.

Professions to be given in, in writing, not later than 8th Nov., 1898.

MORAL PHILOSOPHY CLASS.

A prize is offered for the best examination on Plato's *Republic* (Davies and Vaughan's translation). Students are recommended to read Bosanquet's *Companion to Plato's Republic* and vol. ii. of Nettleship's *Philosophical Lectures and Remains* in connection with the translation. The competition is open to students entering the ordinary Moral Philosophy Class in Session 1898-99.

LOGIC CLASS.

(*For Students of the Logic Class, Sessions* 1896-97 *or* 1897-98.)

Two prizes are offered: one for an Essay on Plato's *Theory of Ideas*, one for an Essay on *Imagination and Thought*.

Essays to be given in to the Professor on or before 1st November, 1898. Each essay must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside.

ENGLISH LITERATURE.

VACATION READING.

Wordsworth's *Prelude*; Byron's *Childe Harold*, Cantos iii. and iv.

The examination is open to intending members of the Ordinary Class of 1898-99. A prize will be given for the best paper.

WOMEN'S DEPARTMENT.

1. Aristotle's *Poetics*, Burke on *The Sublime and Beautiful*, with reference to Hume's *Essays*, 22 and 23, "Of Tragedy" and "Of the Standard of Taste," Dryden's *Essay on Dramatic Poesy*, and Johnson's *Preface to Shakespeare.*

The examination is open to the members of the Class of 1897-98.

2. Sidney's *Defence of Poesy*, Wordsworth's *Prefaces* (Morley's edition, pp. 849-885). Shelley's *Defence of Poetry*, Matthew Arnold's *Preface to Collected Poems*, Keats's *Verses on Sleep and Poetry.*

This examination is open to intending members of the Class of 1898-99.

Candidates will be expected to have a general knowledge of the leading principles laid down in the treatises mentioned. The questions will be few in number, and the answers to them should take the form of short essays.

GREEK CLASSES.

Open to any member of the Greek Class, Sessions 1897-98 and 1898-99.

1. Greek Prose—Livy's *Praefatio* to his History.
2. To learn by heart Sophocles' *Antigone*, omitting the lyrical passages.
3. To learn in the same way *Iliad* VI.
4. A written examination in Aeschylus, *Agamemnon*, to be held in October, 1898.
5. A written examination in Holm's *History of Greece*, vols. I. and II.

The same student may enter for all the above competitions. Several prizes may be given for each competition. Junior students will be judged on a more lenient standard.

The Prose to be sent in by 23rd October, 1898.

HUMANITY CLASS.

Prizes will be given for Vacation Exercises as follows :—

I. Open to all students who shall enrol in the Senior Class of 1898-99, for the best examination in the following subjects :—
  1. Livy, Book XXI.
  2. Virgil, *Georgics* III. and IV.

II. Open to all members of the Middle Class, 1897-98 :—
  To learn by heart Virgil, *Georgic* IV., 1–218 and 415–566.

III. Open to all members of the Senior Class 1897-98 :—
  1. For Latin Prose—A short Latin Essay of about ten MS. pages on the Life and Character of Tiberius.
  2. To learn by heart Horace, *Odes* II. and *Ars Poetica*, 1–219.

IV. Open to all students who shall enrol in the Senior Class of 1898-99:—

For the best translation into Latin Prose of the following passage from *The Spectator*, No. 56 (4th May, 1711), from "There is a tradition" down to the end, "any further account of it."

The Examination in the above subjects will be held early in November, 1898. The exercises must be sent in to the Professor on or before 1st November. Each exercise must bear a motto and be accompanied by an envelope bearing the same motto, with the writer's name inside, together with a statement that the exercise is his own unaided work.

CLASS OF BOTANY.

A prize is offered to students in the Class of Botany in Session 1898-99 for the best and approved Herbarium of Scottish Phanerogamous and Vascular Cryptogamous Plants, to be named after Hooker's *Students' Flora of the British Islands*. The specimens must have been collected upon the mainland of Scotland, or upon the Scottish Islands, between 20th April, 1897, and 15th October, 1898, and must have affixed, in addition to the name, the date and locality of collection.

The Herbaria must be sent, addressed to the Professor of Botany, to the University of Glasgow, on or before 15th October, 1898, and with each a sealed note bearing a motto outside, and containing the name of the competitor, with a declaration that the plants in the collection have all been gathered by himself in Scotland, and within the period above stated, and that they have been named by him without assistance, save that derived from books on Herbaria.

The collections must be accompanied by a numbered and arranged list of the plants contained in them.

XIV.—ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT.

From 1st June, 1897, to 31st May, 1898.

17th June, 1897.—The Court met. Present—The Principal (in the chair), Sir James King, Bart.; David Murray, LL.D.; Sir J. N. Cuthbertson, LL.D; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Finance Committee of 15th June, 1897, was read and approved, dealing *inter alia* with purchase of feuduties, University loans and bequests, Bellahouston grants, University assistants, current expenses, and reports on bursaries. The meeting received sketch plans and estimates for the botanical and engineering laboratories to be placed on the frontage of the University Avenue near the gymnasium. It was resolved to ask the committee to forward a report in writing. The various lecturers at the University and at Queen Margaret College were re-appointed for next year. The Court agreed to accept from Mr. Alexander Murdoch the gift of twenty-two volumes of classical books for the Hunterian Library, and instructed the Secretary to convey the thanks of the University Court to Mr. Murdoch. The Secretary reported that Ordinance No. 160 had been laid before Parliament. The Court resolved to approve of a report which had been adopted by the General Medical Council at the recent sitting, regarding a proposed modification of clause 22 of the Public Health (Scotland) Bill, and instructed the Secretary to forward copies of the resolution to the Lord Advocate and others.

8th July, 1897.—The Court met. Present—Sheriff Berry (in the chair); Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. Minute of meeting of the Finance Committee of 6th July, 1897, was read and approved, dealing *inter alia* with payment of accounts, purchase of feuduties, etc. Statistics of the junior and middle non-qualifying and of the qualifying classes of Latin and Greek and Mathematics for 1896-97 were submitted, and a copy directed to be sent to the General Council. Representations from the General Council regarding (first) proposed marking on class certificates, (second) honours in connection with medical degrees in the University of Glasgow, and (third) proposed additions to the annual report of statistics, were remitted for consideration and report. The Court appointed Robert Thomas Kent, M.A., F.R.C.S., St. Mungo College, Glasgow, as examiner in Anatomy, to take the work of the October examination in place of Dr. J. Yule Mackay, resigned. A letter from Mrs Campbell of Tullichewan was submitted, intimating a gift of £50 from a friend for the purchase of preparations and models for the class of Anatomy at Queen Margaret College, and the Court's thanks were directed to be conveyed to the donor. The Secretary reported that Ordinances Nos. 167 and 168 had been transmitted to be laid before Parliament. A report by a committee on the subject of disciplinary or penal powers of the qualifying medical authorities was considered and adopted, and the Secretary was instructed to transmit a copy to the Commissioners, and also to send copies to the other Scottish Universities. The Court renewed the appointment of J. H. Teacher, M.B., C.M., as under-keeper in the pathological department, Hunterian Museum, for another year as from 1st October next. The Secretary submitted a letter from the law agents, with copy correspondence between them and the Town Clerk, on the subject of a claim by the St. Nicholas Hospital for arrears of feuduty said to be due by the University. The letter and correspondence were remitted to a committee for consideration.

14th October, 1897.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. Minute of meeting of the Finance Committee of 12th October, 1897, was read and approved, dealing *inter alia* with University bonds, interest thereon, purchase of feuduties, and balance of salary due to Professor Charteris, deceased. The Court re-appointed Mr. William Crum of Thornliebank and Professor Gairdner to represent them as Governors of the Victoria Infirmary, and the Rev. J. W. King, D.D., and Mr. Alan E. Clapperton to represent them as Managers of the Western Infirmary for the ensuing year. On the recommendation of the various Professors, the University assistants were appointed by the Court for the ensuing year. The various examiners for the preliminary examinations were re-appointed to hold office for a year from 1st February next. The following were appointed representatives of the University on the Joint Board of Examiners for a year from 1st February next: Professor Bradley (English); Mr. John Edgar, M.A., Edinburgh (Classics); Mr. Gibson, Glasgow and West of Scotland Technical College (Mathematics); and M. Mercier (Modern Languages). The Secretary was instructed to advertise for an additional examiner in French for preliminary and degree examinations, and for two additional examiners for degree examinations in Education and History. The following were appointed the representatives of the Court on the committees named, viz.: Library Committee—Sheriff Berry, Rev. Dr. King, and Emeritus-Professor Dickson; Museums Committee—Dr. Cameron and Dr. M'Vail; Observatory and Laboratories Committee—the Lord Provost and Sir James King. The Court received intimation of a bequest of £5000, free of legacy duty, from the late Miss Martha Brown of Lanfine, to be applied in payment of bursaries in the Faculty of Arts, to be held for not more than four years, and to be called, "The Lanfine Bursaries." A report was received upon a proposal of the trustees of the late Dr. M'Callum to hand over the residue of his estate to the Court to found a Celtic Lectureship on certain conditions. The Court agreed to accept the proposal. The Court received a letter from the Honorary Secretary of a committee of old students and personal friends of Professor Caird, now Master of Balliol, who had arranged for a medal to be presented annually to the best student in the Moral Philosophy Class in honour of the Professor. The Secretary was instructed to record the thanks of the University to the donors, and to arrange for the custody of the die. The Court received intimation of a presentation to the University by Dr. James Finlayson and Dr. Hector C. Cameron of a replica of a portrait of Lord Lister, painted in 1895, and the Secretary was instructed to return the cordial thanks of the University Court to the donors. The Court received with regret intimation of the resignation of Dr. Hawthorne from his lectureship on Materia Medica at Queen Margaret College. The Court received a report by the committee appointed to consider the claim of St. Nicholas Hospital, recommending that an endeavour should be made to compromise the claim. The report was approved. The Secretary was instructed to advertise for an additional examiner in Anatomy to fill the position for the remainder of Dr. Mackay's term of office, viz.: from 31st December next to 31st December, 1899. Leave of absence was granted to Professor Coats on the ground of ill-health, and arrangements were made for the carrying on of the class during the winter. The Court considered a representation from the General Council as to honours in connection with the medical degree, and it was intimated that the Bellahouston Trustees had been approached, and had intimated that they were willing to give a sufficient sum annually during their pleasure to provide suitable gold medals, not exceeding three in number in any one year, to be awarded to such candidates in the Medical Faculty as should prove themselves by thesis, or otherwise as may be arranged, worthy of such special honour and distinction. The Secretary was instructed to convey the cordial thanks of the University Court to the Bellahouston Trustees. The Court further considered a representation from the General Medical Council regarding additions to the annual report of statistics, and approved of an addition being made to the annual report for the purpose of showing (1) the number of graduates who make each subject in Arts taught in the University a subject of graduation, and (2) in reference to the classes in Latin, Greek, and Mathematics, which qualify for a degree, the number of students in each class who have passed the preliminary examination in the qualifying grade of the particular subject.

3rd November, 1897. The Court met. Present—The Lord Rector (in the chair); the Principal; the Lord Provost; Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. Intimation was received from the General Council that at a meeting held on 27th October, 1897, Dr. Hector Clare Cameron, M.D., and Sir John Neilson Cuthbertson, LL.D., were duly elected assessors in the University Court. The appointment is for a period of four years from 20th December next. The Court re-appointed Dr. Robert Perry as Director of the Glasgow Samaritan Hospital for Women for the ensuing year.

11th November, 1897.—The Court met. Present—The Principal (in the chair); Lord Provost Richmond; Sir James King, Bart.; David

Murray, LL.D.; James Colquhoun, LL.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minutes of meetings of the Finance Committee of 2nd and 9th November were read and approved, dealing *inter alia* with purchase of ground-annuals, University loans, servants' wages, application of the gift of £50 for the anatomical department at Queen Margaret College, salaries of additional examiners, and University accounts. Minute of meeting of the Works Committee of 10th November was read and approved, dealing with hanging Lord Lister's portrait, electric lighting, museum requirements, and other matters. The Court had under consideration the subject of bursaries for women. It was remitted to obtain information on the subject from other Scottish Universities. With regard to the representation of the General Council as to proposed marking on class certificates, it was resolved to arrange that any student who has gone through the curriculum of Arts in accordance with the provisions of Ordinance No. 11, but who has not graduated, may on application obtain a certificate to that effect at the Clerk of Senate's Office at the end of his course. In answer to the Court's memorandum upon disciplinary or penal powers, the Secretary submitted a letter from the Commissioners saying that the matter to which the memorandum refers was not within the province of the Commissioners, and that, in these circumstances, no purpose can be served by their taking evidence, or by a joint representation being made to them by all the universities. The Secretary was instructed to send a copy of the memorandum and a copy of this reply to the General Medical Council. On the recommendation of the Professor of Clinical Surgery, the Court appointed George Burnside Buchanan, B.A., M.B., C.M., assistant to the Professor of Clinical Surgery in room of Dr. J. C. Renton, resigned. The Court appointed L. R. Sutherland, M.B., C.M., lecturer on Pathology for the present academic year, during Professor Coats' absence. The Court received a further communication from the General Council regarding additions to annual statistics, and remitted same to a committee. The Court received a communication from the General Council thanking them for the manner in which they had met the Council's views with regard to the M.D. distinctions, and requesting that the Court should communicate to the Bellahouston Trustees the Council's appreciation of the liberality which they have shown in providing gold medals. A legacy of £2000 from the late Sir William Alexander Mackinnon, K.C.B., was intimated for the foundation of a scholarship, to be called the "Mackinnon Scholarship," to be awarded to the person who shall in each year show the greatest proficiency in a competitive examination in the following subjects, viz.: 1. Geology; 2. Natural History, together with Comparative Anatomy; and 3. Modern Foreign Languages—the examination in each subject to be taken in each succeeding year in rotation, commencing in such order as may be determined.

9th December, 1897.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Jack; Professor Gairdner;

Sheriff Berry; and Professor Stewart. Intimation was received from the Senate of the appointment of Professor Stewart as an assessor in the Court for four years from 29th November, 1897. Finance Committee minute of 7th inst. was read and approved, dealing *inter alia* with investments, fees, claim for crown feuduty, and half-yearly accounts. The Court appointed Professor Bertram C. A. Windle, M.A., M.D., D.Sc., Mason University College, Birmingham, as additional examiner in Anatomy for the remainder of the late holder's term of office, viz., from 1st January, 1898, to 31st December, 1899. It was reported that the late Miss Martha Brown of Lanfine had bequeathed to the University a portrait of Thomas Brown of Waterhaughs (by Colvin Smith), also that she had bequeathed a number of articles to the Hunterian Museum, and that the trustees had presented to the museum a copy of the League and Covenant in pamphlet form. It was also reported that a valuable donation of various objects had been received for the Hunterian Museum from Mrs. D. Robertson, Millport. The Court appointed representatives to a joint committee, consisting of representatives from the four Scottish Universities, to confer on the subject of disciplinary or penal powers over graduates in Medicine. A report was received from the Museums Committee dealing with plates for the Stevenson catalogue, catalogue of the Roman stones, hanging of portraits, Museum space, book cases, and other matters. The Court received a letter from the Professor of Chemistry on the subject of separate teaching of Organic Chemistry, and resolved to consult the Senate under Section viii. of Ordinance No. 17. Intimation was received from Professor Murray that his assistant, Mr. Ronald M. Burrows, had been appointed Professor of Greek at Cardiff. The Court appointed a committee to correspond with a committee already appointed by the Senate to consider the position of the universities of Scotland with regard to training students for the Civil Service in India and the Colonies. The librarian's report for the past year was remitted to a committee to consider and report.

13th January, 1898.—The Court met. Present:—The Principal (in the chair), Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Jack; Professor Sir Wm. Gairdner, K.C.B.; Sheriff Berry; and Professor Stewart. The Court recorded their congratulations to Professor Gairdner on the occasion of Her Majesty having conferred on him the honour of Knight Commander of the Bath. Minute of meeting of the Finance Committee of 11th inst., dealing with University securities and submitting abstract of last year's accounts, now ready for audit, was read and approved. The Court had under consideration the report of a committee on a further representation from the General Council as to proposed additions to the annual statistical report. In view of the additional schedule of items to be added to the statistical report now issued by the Commissioners, it was unnecessary further to consider the representation of the General Council. The Court appointed the following additional examiners for degrees in Arts, all for three years from 1st January: Moral Philosophy and Logic —Mr. William R. B. Gibson, M.A., 1 Oak Terrace, Beech Street, Fairfield, Liverpool. English—Professor W. Macneile Dixon, M.A., Litt. D., Mason College, Birmingham. Education—Mr. John G. Kerr, M.A., Allan Glen's School, Glasgow. History—Mr. C. R. L. Fletcher, M.A., Magdalen College, Oxford. The Court appointed Mons. F. J. Amours, B.A., High School, Glasgow, as additional examiner in French for degrees in Arts and for the preliminary examination, for three years from 1st February. A report by a committee on the librarian's annual report was submitted, and the thanks of the Court were instructed to be transmitted to certain donors to the library. On the recommendation of Professor Cleland, Archibald N. M'Lellan, M.B., C.M., was appointed his assistant for the remainder of the current University year. On the recommendation of Professor Ferguson, Mr. James Roberts was appointed his assistant for the remainder of the current University year. The Court received an excerpt minute of Senate on the subject of appointing a lecturer on Organic Chemistry, and appointed W. R. Lang, B.Sc., Lecturer on Organic Chemistry, to conduct two short courses during the year, the one to commence in January and to continue to the end of the winter session, and the other to commence in April and to continue during the summer session, and fixed the fee.

10th February, 1898.—The Court met. Present—Sheriff Berry (in the chair); David Murray, LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Professor Jack; Professor Sir Wm. Gairdner, K.C.B.; and Professor Stewart. Minute of meeting of the Finance Committee of 8th February, 1898, was read and approved, dealing *inter alia* with University investments and residue of Randolph Trust. On the recommendation of Professor Murray, W. H. Balgarnie, B.A., Trinity College, Cambridge, was appointed as his assistant for the remainder of the current University year. The Court approved of a course of Engineering Laboratory work under Ordinance No. 23, section ix. 9 (d), and fixed the fee. The Court also approved of a course of lectures on Generation and Distribution of Electrical Power, to be taught by J. D. Cormack, B.Sc., and appointed Mr. Cormack, Lecturer on Electrical Engineering, for that purpose, and fixed the fee. The Court also approved of a course on Electricity, pure and applied, under Ordinance No. 23, section ix. 9 (e), to be taught by Dr. Magnus Maclean, and appointed Dr. Maclean lecturer on that subject, and fixed the fee. The Court approved of suggested alterations as to the arrangement of courses and half-courses for the degree of B.Sc. in Agriculture. The Court approved of various arrangements for classes during the summer months similar to last year, and fixed the fees. In view of the present vacancy in the Professorship of Forensic Medicine, the Court revised and adjusted the terms of an intimation to be made under section i. of Ordinance No. 144, with reference to the number of lectures and period of instruction to be given to students in the Faculty of Law and to students in the Faculty of Medicine by the Professor of Forensic Medicine to be next appointed. The Court approved of a resolution of the Joint Board of Examiners for preliminary examinations in the four Scottish Universities to the effect that the Joint Board should issue after each examination a set of the papers of such examination, with any remarks which the various committees may think desirable. The Secretary reported that he had received from the other three Scottish Universities the names of those appointed as representatives on the joint committee on disciplinary or penal powers over graduates. Sheriff Berry was added as an additional representative for Glasgow. Sir William Gairdner was empowered to communicate with the other universities as to calling the joint committee together. Intimation was received of a promise of the balance of the International Submarine Telegraph Memorial Fund of about £1600 to found a bursary in the University for students of the Glasgow and West of Scotland Technical College.

10th March, 1898.--The Court met. Present—Sir James King, Bart. (in the chair); David Murray, LL.D.; James Colquhoun, LL.D.; D. C. M'Vail, M.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Professor Jack; Professor Sir Wm. Gairdner; Sheriff Berry; and Professor Stewart. Minute of meeting of the Works Committee of 15th February was read and approved, dealing *inter alia* with electric lighting of the University offices and hanging of portraits. Minute of meeting of the Finance Committee of 8th March was read and approved, dealing with residue of the Randolph Trust funds, interest on University investments, new loans, and other matters. The Court re-appointed Mr. Richard Vary Campbell, advocate, Sheriff of Roxburgh, Berwick, and Selkirk, as their representative on the Highlands and Islands Educational Trust for four years from 1st August next. In answer to a resolution, transmitted by the Educational Institute of Scotland regarding treatment of Modern Languages in the bursary examinations of the University, the Secretary was instructed to reply that the Court cannot see their way to act alone in endeavouring to bring about the changes suggested in regulations which affect all the Scottish Universities equally, and in any case, in their opinion, it is too soon to consider the alteration of an arrangement so recently made by the Commissioners. A resolution by the Western Branch of the Association of Teachers in Secondary Schools in Scotland regarding the delay in announcing the results of the bursary competition was transmitted to the Senatus for consideration and report. The question of opening up bursaries to women was again taken up and considered, and a report was made of what had been done by the other Scottish Universities. A minute of meeting of Senatus on the subject was also submitted, and it was resolved to appropriate for competition without restriction to sex, all the open bursaries tenable in Arts, Science, or Medicine, which have taken effect prior to the 30th August, 1864. An application by Dr. W. G. Aitchieson Robertson, Minto Street, Edinburgh, for recognition as Lecturer on Medical Jurisprudence and Public Health, was remitted for consideration and report. A proposal to institute honours classes next winter in French and German at the University was forwarded to the Senatus for consultation, in terms of section ii. of Ordinance No. 18. A proposal for the provision of teaching in Practical Pharmacy for women was transmitted to the Senatus for consideration under the same ordinance. The Court appointed John A. Todd, B.L., 133 Greenhead Terrace, Glasgow, examiner in Political Economy for degrees in Arts and Law for three years from 1st January, 1898. The Rev. John Maclean, D.D., was re-appointed examiner in Hebrew for degrees in Arts till 31st December, 1899. Excerpt minute of Senatus transmitting Museums Committee report was submitted, dealing with presentation of copies of *Tituli Romani* to the more important foreign libraries, and other matters. An application was submitted on behalf of Anderson's College Medical School for recognition for the purpose of graduation. The Secretary was instructed to reply that whilst the Court have already recognized the lectures of many of the teachers in Anderson's College Medical School, they have not yet seen their way to recognize, for the purpose of graduation, any teaching institution in Glasgow, but only individual teachers there. There was submitted to the Court draft deed of foundation of "The William Houldsworth Research Studentship," proposed to be founded in the University, under Ordinance No. 61, by Mr. William Houldsworth of Rozelle, Ayr. The draft deed was approved and forwarded to the Senatus, and the Court resolved to minute the expression of their cordial thanks to Mr. Houldsworth for the warm interest he has exhibited for the welfare of the University, and for the munificent benefaction which he has made towards it. A letter and report from the Architects Committee, together with plans of the Botanical and Engineering Laboratories, now prepared in terms of the Court's minute of 17th June, was submitted, and transmitted to the Senatus for their opinion, and a committee was appointed to receive the opinion of the Senatus and to report thereon. A letter from Professor Biles, transmitting a copy of a letter of his which had previously been laid before the Court, was submitted.

14th April, 1898.—The Court met. Present—Sheriff Berry (in the chair; David Murray, LL.D. ; James Colquhoun, LL.D. ; D. C. M'Vail, M.B. ; Hector C. Cameron, M.D. ; Sir J. N. Cuthbertson, LL.D. ; Professor Jack ; Professor Sir Wm. Gairdner, K.C.B. ; and Professor Stewart. Intimation was received of the re-appointment of Sir James King, Bart., and James Colquhoun, LL.D., as assessors in the Court for four years from 13th January last. Minute of meeting of the Finance Committee of 12th April, 1898, dealing *inter alia* with proposal for loan, presentation to foreign libraries, grant for free lectures, and insurance, was read and approved. With reference to a proposal made at last meeting, the Court, having consulted the Senatus under Ordinance 18, section ii., now resolved to institute honours classes in French and German, to be taught next winter session, and fixed the fee. In answer to an application by Professor Stockman, proposing, with the approval of the Senate, to hold mixed classes in summer in Practical Pharmacy, the Court declined to depart from the course hitherto followed of men and women being taught separately in Medicine. The annual report of the Museums Committee was submitted. It was resolved to continue the allowance for the bookbinder for next year. The fourth annnal report of the Library Committee was submitted. Professor Young was appointed the representative of the Glasgow University on the General Committee of the Millport Marine Biological Station for the current year. The Court approved of certain regulations contained in an excerpt minute of Senate for carrying out Ordinance 134, section iv. (3). The Court had under consideration an excerpt minute of Senate regarding courses in Forensic Medicine for medical students and for law students, and made the necessary arrangements for these courses. They further approved of proposed courses in Public Health, and fixed the fee. The Court appointed Dr. Workman lecturer-examiner in Medicine, with special reference to Pathology, for this year. A report by the Master of Works regarding certain repairs, etc., required at the University and at Queen Margaret College was approved, and instructions were given to have the work carried out. There was submitted a report by the joint committee of the four universities upon penal or disciplinary powers over graduates. The Court approved of the report, and resolved to support the proposal that the General Medical Council should endeavour to obtain from Parliament an amendment of the Medical Act, 1858, to prohibit any medical graduate of the University from continuing to take or use the name or title appropriate to his degree after his name has been erased from the register, and so long as such erasure continues in force. The Court had under consideration the report of a committee appointed to receive the opinion of the Senate on proposed plans for buildings for the engineering and botanical departments. The report of the committee was approved, and the Secretary was instructed to communicate with the architects on the subject.

5th May, 1898.—The Court met. Present—Sheriff Berry (in the chair); Sir James King, Bart.; James Colquhoun, LL.D.; D. C. M'Vail, M.B.; Sir J. N. Cuthbertson, LL.D.; Professor Jack; Professor Sir William Gairdner, K.C.B.; and Professor Stewart. Minutes of meetings of the Finance Committee of 29th April and 5th May, 1898, dealing with Randolph Trust funds, proposals for loan, accounts, and other matters, were read and approved. Minute of meeting of the Works Committee of 9th May was read. The committee resolved to record their sense of the loss sustained by the University in the death of Mr. David Stewart, the master of works, their appreciation of the zeal and fidelity with which he had served the University for eighteen years, and their sympathy with his widow and child in their bereavement. A letter was submitted from Professor Glaister intimating that he had taken the necessary steps for carrying out the wishes of the Court as to arrangement of Forensic Medicine classes. The letter was approved. The question of a grant for apparatus was remitted to the Finance Committee, with powers. On the recommendation of Professor Glaister, the Court appointed John Knight, M.B., C.M., as his assistant for the rest of the current year. The Secretary was instructed to advertise for an additional examiner in Physics for degrees in Medicine, the appointment to be for three years from 1st October next. It was reported on behalf of the Ordinance Committee that they had had meetings with representatives of the Students' Representative Council, and had adjusted the constitution of the Council, prints of which were now submitted. There was submitted a report by the architects on the proposed plans for the engineering and botanical deparments. Instructions were given to have plans prepared for the engineering department on the east side of the University building, and to communicate the proposal to the Bellahouston Trustees and to the Engineering Laboratory Committee. The Court resolved on a site for the Botanical department, and remitted to a committee to adjust the details thereof, and to communicate with the Bellahouston Trustees thereanent.

XV. FINANCIAL STATEMENT OF THE UNIVERSITY FOR 1896-97.

INCOME.

I. Teinds, Feu-duties, Ground Annuals, Dividends, and Interest (including Queen Margaret College, £888 16s. 11d.),		£12,766 8 1¼
II. Parliamentary Grant—		
(*a*) Under Universities Act, ...	£12,180 0 0	
(*b*) Under Education and Local Taxation Act, ...	8,700 0 0	
		20,880 0 0
III. Special Endowments—		
(*a*) Chairs, ...	£1,977 16 10	
(*b*) Lectureships, ...	847 0 7	
(*c*) Demonstratorships, etc., ...	482 3 5	
		3,307 0 10
IV. Class Fees—		
(*a*) Constituting the Fee Fund (including Queen Margaret College, £2,018 2s. 0d.), ...	£15,922 4 0	
(*b*) Other Classes, ...	889 18 9	
		16,812 2 9
V. Other Fees—		
(*a*) Matriculation (including Queen Margaret College, £256 14s. 6d.), . .	£1,903 6 6	
(*b*) Examination and Graduation (including Queen Margaret College, £424 14s. 6d.), ...	3,819 14 0	
(*c*) Registration (including Queen Margaret College, £7), ...	204 0 0	
(*d*) Recognition — towards Expenses of Inspection, ...	10 10 0	
		5,937 10 6
VI. Library—		
(*a*) Subscriptions, ...	£61 8 6	
(*b*) Revenue of Legacy Funds, . . .	48 0 0	
(*c*) Students' Catalogue, ...	2 14 0	
		112 2 6
Carry forward, ...		£59,815 4 8¼

	£	s.	d.	£	s.	d.
Brought forward,				£59,815	4	8¼
VII. Annual Grants from the Bellahouston Trust—						
(*a*) Library,	£100	0	0			
(*b*) Hunterian Museum,	100	0	0			
(*c*) Natural Philosophy,	100	0	0			
(*d*) Chemistry,	100	0	0			
(*e*) Astronomy (including additional Capital Grant of £100),	150	0	0			
				550	0	0
				£60,365	4	8¼

EXPENDITURE.

	£	s.	d.	£	s.	d.
I. University Court and Senate—						
(*a*) Secretary of University Court (including outlays, £62 6s. 10d.),	£337	6	10			
(*b*) Clerk of Senate (1st May, 1896-30th Sept., 1897),	328	2	6			
(*c*) Assistants to Clerk of Senate (including incidental expenses, £78 10s. 0d.),	563	10	0			
				£1,228	19	4
II. General Council—						
(*a*) Registration,	£94	19	3			
(*b*) Clerk,	50	0	0			
(*c*) Printing and Outlays, per Clerk,	147	2	11			
				292	2	2
III. Business—						
(*a*) Factors (including outlays, £74 19s. 3d.),	£707	7	8			
(*b*) Auditors,	21	0	0			
(*c*) Law Agents,	101	1	9			
				829	9	5
IV. Ministers' Stipends,				1,498	18	10
V. Pension Fund,				4,000	0	0
VI. Salaries—						
(*a*) Principal,	£1,100	0	0			
(*b*) Professors under Ordinance No. 25,	24,576	12	5			
(*c*) Other Professors,	2,263	9	9			
(*d*) Lecturers (including £1,500 at Queen Margaret College),	4,674	0	7			
(*e*) Assistants and Demonstrators (including £850 at Queen Margaret College),	5,801	17	1			
(*f*) Examiners (including expenses, £173 2s. 6d.),	1,319	1	6			
(*g*) Reports on Applications for Recognition,	21	0	0			
				39,756	1	4
VII. Library,				1,839	6	1
VIII. Museum,				517	6	6
IX. Observatory,				368	19	7½
Carry forward,				£50,331	3	3½

Brought forward, ...				£50,331	3	3½
X. University Buildings—						
(*a*) Repairs, ...	£835	1	4			
(*b*) Lighting, ...	266	0	11			
(*c*) Heating and Ventilating, . .	721	19	9			
(*d*) Water, ...	108	2	8			
(*e*) Pathological Institute at Western Infirmary (half-year), . .	165	19	11			
(*f*) Bute and Randolph Halls Electric Lighting Installation, . .	428	5	11			
				2,525	10	6
XI. Insurance, ...				356	4	10
XII. Service, Cleaning, and Upkeep of Grounds, ...				1,326	13	5
XIII. Class Expenses, Apparatus, etc.—						
(*a*) Prizes and Medals, ...	£219	3	6			
(*b*) Lantern Slides, ...	82	14	5			
(*c*) Apparatus for Laboratories, etc., .	118	13	7			
(*d*) Class Expenses, ...	1,341	13	0			
				1,762	4	6
XIV. Printing, Stationery, and Advertising, ...				800	19	4
XV. Chapel, ...				115	16	3½
XVI. Bursaries, ...				162	15	7
XVII. Jubilee of Lord Kelvin as a Professor (further accounts),				69	14	5
XVIII. Public Burdens, Taxes, etc. (including £21 to Glasgow Police), ...				698	6	5¾
XIX. Taxes, Repairs on Buildings, Lighting, Heating, Service, etc., at Queen Margaret College (including £97 12s. 7d. for new Medical Building), ...				951	6	0
XX. Students' Representative Council, ...				20	0	0
XXI. Miscellaneous, ...				60	9	1
XXII. Purposes of Bellahouston Grants (including £92 8s. 5d. still to be expended), ...				550	0	0
				£59,731	3	8¾
Surplus for 1896-97, ...				634	0	11½
				£60,365	4	8¼

PARTICULARS OF SUMS DEVOTED TO THE MAINTENANCE OF THE TEACHING STAFF AND OF EXAMINERS.

FACULTY OF ARTS.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Humanity,	£1,430 0 0	£86 8 6	£536 6 10	£2,052 15 4
Greek,	1,350 0 0	88 0 0	512 11 2	1,950 11 2
English,	900 0 0	200 0 0	107 11 3	1,207 11 3
French,	...	300 0 0	...	300 0 0
German,	...	100 0 0	...	100 0 0
Logic,	800 0 0	...	100 0 0	900 0 0
Moral Philosophy,	800 0 0	...	100 0 0	900 0 0
Political Economy,	600 0 0	...	...	600 0 0
Education,	...	200 0 0	...	200 0 0
Mathematics,	1,440 0 0	91 18 9	525 0 0	2,056 18 9
Natural Philosophy,	1,252 0 0	134 0 5	435 0 0	1,821 0 5
History,	900 0 0	...	...	900 0 0
	£9,472 0 0	£1,200 7 8	£2,316 9 3	£12,988 16 11

FACULTY OF SCIENCE.

Astronomy,	£600 0 0	...	...	£600 0 0
Civil Engineering,	900 0 0	...	£297 0 0	1,197 0 0
Naval Architecture,	800 0 0	...	100 0 0	900 0 0
Geology,	...	£200 0 0	96 1 4	296 1 4
	£2,300 0 0	£200 0 0	£493 1 4	£2,993 1 4

FACULTY OF MEDICINE.

Botany,	£830 0 0	...	£200 0 0	£1,030 0 0
Natural History,	806 0 0	...	275 0 0	1,081 0 0
Physics,	...	£313 0 0	...	313 0 0
Chemistry,	1,300 0 0	150 0 0	459 0 5	1,909 0 5
Anatomy,	1,645 0 0	400 0 0	560 0 0	2,605 0 0
Physiology,	1,100 0 0	...	404 2 1	1,504 2 1
Materia Medica,	780 0 0	150 0 0	104 4 0	1,034 4 0
Pathology,	1,100 0 0	150 0 0	250 0 0	1,500 0 0
Medical Jurisprudence,	600 0 0	...	100 0 0	700 0 0
Surgery,	800 0 0	100 0 0	190 0 0	1,090 0 0
Clinical Surgery,	320 0 0	...	50 0 0	370 0 0
Practice of Medicine,	800 0 0	100 0 0	150 0 0	1,050 0 0
Clinical Medicine,	432 0 0	...	50 0 0	482 0 0
Midwifery,	700 0 0	...	100 0 0	800 0 0
Insanity,	...	150 0 0	...	150 0 0
Diseases of the Eye,	...	175 0 0	...	175 0 0
Diseases of the Ear,	...	52 10 0	...	52 10 0
Diseases of the Throat,	...	52 10 0	...	52 10 0
	£11,213 0 0	£1,793 0 0	£2,892 6 6	£15,898 6 6

FACULTY OF LAW.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Scots Law,	£800 0 0	...	...	£800 0 0
Conveyancing,	600 0 0	...	...	600 0 0
Jurisprudence, Public International Law, International Private Law,	...	£300 0 0	...	300 0 0
Constitutional Law and History,	...	200 0 0	...	200 0 0
Civil Law,	...	200 0 0	...	200 0 0
Mercantile Law,	...	200 0 0	...	200 0 0
	£1,400 0 0	£900 0 0	...	£2,300 0 0

FACULTY OF THEOLOGY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Divinity,	£572 10 1	...	...	£572 10 1
Hebrew and Semitic Languages,	700 0 0	31 6 0	£100 0 0	831 6 0
Church History,	538 19 11	...	...	538 19 11
Biblical Criticism,	643 12 2	...	...	643 12 2
Natural Theology,	...	£549 6 11	...	549 6 11
	£2,455 2 2	£580 12 11	£100 0 0	£3,135 15 1

SUMMARY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Faculty of Arts,	£9,472 0 0	£1,200 7 8	£2,316 9 3	£12,988 16 11
Faculty of Science,	2,300 0 0	200 0 0	493 1 4	2,993 1 4
Faculty of Medicine,	11,213 0 0	1,793 0 0	2,892 6 6	15,898 6 6
Faculty of Law,	1,400 0 0	900 0 0	...	2,300 0 0
Faculty of Theology,	2,455 2 2	580 12 11	100 0 0	3,135 15 1
	£26,840 2 2	£4,674 0 7	£5,801 17 1	£37,315 19 10

EXAMINERS FOR DEGREES, ETC.

I. Preliminary Examinations—		
(*a*) Six Examiners,	£230 0 0	
(*b*) Four Members of Joint Board,	84 0 0	
		£314 0 0
II. Degree Examinations—		
(*a*) Seven Examiners in Arts,	£253 13 0	
(*b*) Twenty Examiners in Medicine,	483 16 0	
(*c*) Three Examiners in Law,	63 0 0	
(*d*) Two Examiners in Theology,	31 10 0	
		831 19 0
III. Expenses—		
(*a*) Preliminary Examiners,	£24 11 6	
(*b*) Joint Board,	79 4 8	
(*c*) Superintendence, etc.,	69 6 4	
		173 2 6
		£1,319 1 6

CLASS FEES.

I. Faculty of Arts—						
Humanity,	£906	3	0			
Greek,	668	17	0			
English,	691	19	0			
French,	64	1	0			
German,	8	8	0			
Hebrew,	228	18	0			
Logic,	415	16	0			
Moral Philosophy,	333	18	0			
Political Economy,	118	13	0			
Education,	236	5	0			
Mathematics,	758	2	0			
Natural Philosophy,	350	14	0			
Astronomy,	0	0	0			
Chemistry,	77	14	0			
Botany,	39	18	0			
Zoology,	27	6	0			
Geology,	6	6	0			
History,	170	2	0			
Constitutional Law,	36	15	0			
Roman Law,	58	16	0			
Public Law,	0	0	0			
				£5,198	11	0
II. Faculty of Science—						
Astronomy,	£9	9	0			
Engineering,	350	14	0			
Naval Architecture,	211	1	0			
Geology,	18	18	0			
Mathematics,	203	14	0			
Natural Philosophy,	298	4	0			
Chemistry,	325	10	0			
Botany,	60	18	0			
Zoology,	35	14	0			
Physiology,	18	18	0			
Anatomy,	17	17	0			
				1,550	17	0
III. Faculty of Medicine—						
Botany,	£680	8	0			
Zoology,	693	0	0			
Physics,	462	0	0			
Chemistry,	784	7	0			
Anatomy (including Embryology),	1,559	5	0			
Physiology,	841	1	0			
Materia Medica,	657	6	0			
Pathology,	758	2	0			
Forensic Medicine,	363	6	0			
Surgery,	427	7	0			
Clinical Surgery,	148	6	0			
Practice of Medicine,	184	16	0			
Clinical Medicine,	153	12	9			
Midwifery,	422	2	0			
Insanity,	161	14	0			
Eye,	12	12	0			
Ear,	34	13	0			
Throat and Nose,	48	6	0			
				8,392	3	9
Carry forward,				£15,141	11	9

Brought forward,		£15,141 11 9
IV. Faculty of Law—		
Law,	£424 4 0	
Conveyancing,	325 10 0	
Constitutional Law and History,	74 11 0	
Civil Law,	124 19 0	
Jurisprudence,	9 9 0	
Public International Law,	18 18 0	
International Private Law,	22 1 0	
Political Economy,	11 11 0	
Forensic Medicine,	81 18 0	
Mercantile Law,	25 4 0	
		1118 5 0
V. Faculty of Theology—		
Divinity,	£185 17 0	
Church History,	119 14 0	
Biblical Criticism,	116 11 0	
Hebrew (see under Faculty of Arts),	...	
		422 2 0
VI. Summer Tutorial Classes,		165 18 0
		£16,847 16 9
Deduct Fees returned,		35 14 0
		£16,812 2 9

APPENDIX—I.

LIST OF MEMBERS

INCLUDED IN

THE REGISTER

OF

THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1*st* *JANUARY*, 1898,

WITH ABBREVIATED ADDRESSES, ETC.

N.B.—So far as information has been available down to the time of publishing the Calendar, addresses, etc., have been corrected, and names of deceased Members removed. Members are requested to intimate to the Registrar any change of designation (*i.e.*, profession or calling), or of permanent address. Representatives of deceased Members are also requested to make intimation, in order that the names of such Members may be removed.

Abbott, John C., M.B.,C.M., 18 Rothesay gardens, Partick
Abdurahman, Abdullah, M.B., C.M., Cape Town, S. Africa
Abercrombie, Peter H., M.D., C.M., 10 Coburg place, London, W.
Abercrombie, Ralph, M.A., minister, Goole
Acworth, Wm., M.A., min., South Stoke Rectory, near Bath
Adam, Alex., M.B., C.M., Glasgow
Adam, Basil J., M.B., C.M., Beaufort, Victoria
Adam, David S., B.D., minister, 42 Margaret st., Greenock
Adam, Hector M., B.D., min., 20 Hamilton pl., Aberdeen
Adam, Jas., M.A., tch., 218 Gt. Westn. rd., Glas.
Adam, James, M.A., M.B., C.M., Hamilton
Adam, James, M.B., C.M., 60 Causeyside, Paisley
Adam, James, M.A., stud., Castlehead, Paisley
Adam, James A., M.A., U.P. minister, Ellon
Adam, John, M.B., C.M., 2 N. Smithhills, Paisley
Adam, John, M.B., C.M., 1 Caroline st., Forres
Adam, John E., M.B., C.M., Broad street, Denny
Adam, John W., M.B., C.M., Stepps rd., nr. Glas.
Adam, Matt. A., B.Sc., eng., 18 Southampton bldgs., London
Adam, Peter, B.D., min., Alford, Aberdeen
Adam, Robert H., M.A., M.D., C.M., Paisley
Adam, Thomas, M.A., minister, Cumbernauld
Adam, Thomas, M.A., stud., Westgrove, Kilnhurst
Adam, Thos. B., M.D., C.M., 37 Church st., Brechin
Adam, William, M.A., tch., 235 Bath st., Glasgow
Adam, Wm. J., M.B., C.M., 3 Marchmont tr., Hillh'd
Adam, William T., M.B., C.M., Workington
Adams, Geo. S., M.A., stud., Gilbertfield, Hamilton
Adams, Jas. A., M.D., C.M., 5 Woodside cr., Glas.
Adams, John, M.A., B.Sc., teacher, F.C. Training Coll., Aberdeen
Adams, John, B.D., min., Inverkeillor, Arbroath
Adams, John, M.B., C.M., 1 Queen's cr., Glasgow
Adams, John E., B.D., min., F.C., Dreghorn
Adamson, Jas., M.D., Hetton-le-Hole, Fencehouses
Adamson, James, M.A., minister, Maree, N.S.W.
Adamson, John G., M.D., Lurgan, Armagh
Adamson, Kilgour, M.B., C.M., Rectory, Armoy
Adamson, Robert, LL.D., prof., Univ., Glasgow
Adamson, Wm. F., M.A., minister, Galashiels
Addie, John, M.A., min., Wilson Church, Perth
Affleck, John, M.A., D.Sc., Inspector of Chemical Works, Woolton
Agnew, Alex. P., M.B., C.M., Burnley, Lancs.
Agnew, Jas. F., M.B., C.M., 59 Powlett st., Melb.
Agnew, James M., minister, Longhope, Orkney
Agnew, Rbt. R., M.A., tch., 11 Hopetoun place, Glasgow.
Aiken, Jas., M.A., asst. min., St. And. cott,. Cowdenbeath
Aiken, James, M.A., writer, Dalmoak
Aiken, John B., M.A., writer, Dalmoak
Aikman, Chas. B., writer, 208 W. George st., Glas.
Aikman, Chas. M., M.A., D.Sc., chemist, Stirling
Aikman, John, M.D., C.M., Queen's rd., Guernsey
Aikman, Matt., M.A., stud., 39 Cecil st., Hillhead
Ainslie, Jas. L., M.A., stud., 20 Kelso rd., Leeds
Ainsworth, Wm. T., M.B., C.M., 91 King st., Crieff
Aird, Alex. W., M.B., C.M., Newmilns
Aird, Robert, M.A., tch., Tarbert, Loch Fyne
Aitken, David, M.A., tch., Academy, Motherwell
Aitken, Geo. J., M.A., tch., 2 Cluny villas, J'danhill
Aitken, George R., M.A., min., O.S. Manse, Kirkintilloch
Aitken, James, M.A., minister, Valparaiso
Aitken, Jas., M.B., C.M., 15 Dalton sq., Lancaster
Aitken, Jas., M.B., C.M., 12 Dalhousie st., Glas.
Aitken, Jas. A., M.B., C.M., 29 S. Cumberland st., Glasgow
Aitken, Jas. R., M.A., min., Bushmead av., Bedford
Aitken, John, M.D., C.M., Buckhaven
Aitken, John R., M.A., stu., 2 Woodlands ter., Glasgow

Aitken, Patrick H., B.Sc., B.D., min., 15 Arlington street, Glasgow
Aitken, Robert, M.A., student, Redhurst, Dalry
Aitken, Robert, B.L., writer, Mound pl., Edinb'gh
Aitken, Robt. E., C.A., 66 St. Vincent st., Glasgow
Aitken, Robert Y., M.D., C.M., Carsehead, Dalry, Ayrshire
Aitken, Thomas M., B.Sc., engr., Netherlea, Pollokshields
Aitken, Wm. B., M.B., C.M., Carsehead, Dalry
Aitkenhead, Robert, M.B., C.M., High Blantyre
Aiton, Thomas, B.A., min., Livingston, Midcalder
Aiton, Wm., B.L., law agt., 115 St. Vincent st., Glas.
Alexander, Andrew, M.A., surgeon, 10 New Broad street, London
Alexander, Arch., M.A., min., Spittal, Berwick
Alexander, Arch. B. D., M.A., min., Langbank
Alexander, Archibald S., M.D., C.M., 6 Sussex terrace, Plymouth
Alexander, Charles A., M.B., C.M., Denny
Alexander, David R., B.D., prob., Clarkfield, Partick
Alexander, Gilchrist G., M.A., barr., 2 Plowden buildings., Temple, London, E.C.
Alexander, James, M.D., C.M., Waterside house, Fenwick
Alexander, John, M.A., min., Sandbank pl., Partick
Alexander, John, M.A., minister, Pitcairn, Perth
Alexander, John B., M.A., min., Hawaiian Islands
Alexander, Robert, minister, Dunfermline
Alexander, Robt., M.A., tch., 3 Gt. Geo. st., Hillhead
Alexander, Samuel, M.D., C.M., Larkhall
Alexander, Sam. P., M.D., C.M., Kent rd., Southsea
Alexander, Walter, M.A., minister, Millerston
Alexander, William H. M., M.B., C.M., Dunvaira, Bargeddie
Alexander, William, M.D., C.M., Dundonald
Alexander, William, M.B., C.M., 10 Portland ter., Kilmarnock
Alexander, William M., B.Sc., B.D., M.D., C.M., F.C. Mission, Bombay
Alison, Sir A., Bart., K.C.B., LL.D., general, 93 Eaton place, London
Alison, Archibald, minister, Prestwick
Alison, Arthur, advocate, 3 Moray pl., Edinburgh
Alison, George, minister, Kilbarchan
Alison, John, M.A., D.D., min., Newington, Edinb'h
Alison, Samuel S., M.A., min., Parkgate, Belfast
Allan, Alex., M.A., tch., 29 Albert st., Coatbridge
Allan, Alex. S., M.B., Ch.B., 51 Brown st., N'milns
Allan, Arthur, M.A., student, Manse, Fairlie
Allan, Arthur W., B.L., writer, Muirfield, Pollokshields
Allan, Chas., M.A., min., E. Bank U.P. Manse, Hawick
Allan, Geo. F., LL.B., writ., 6 Loudon ter., Hillhead
Allan, Henry, M.A., shipowner, 2 Park gns., Glas.
Allan, Jas., M.A., tch., 172 Perth road, Dundee
Allan, James Paul, M.D., Renfrew
Allan, James W., M.B., C.M., 18 India st., Glasgow
Allan, John, M.D., C.M., Klerksdorp, Transvaal
Allan, John, M.A., surveyor of taxes, Hamilton
Allan, John, M.B., C.M., Glenfield, Dumbarton
Allan, Robert, M.D., C.M., 6 Arran pl., Ardrossan
Allan, Wm., M.B., C.M., Langlands house, Govan
Allan, William, M.A., stud., 327 Duke st., Glasgow
Allan, Wm., M.B., C.M., Glenfield, Dumbarton
Allan, Wm., B.Sc., C.E., Elderslie ho., Strathaven
Allan, Wm., M.B., C.M., Cramlington, Northumberland
Allan, Wm. C., M.B., C.M., Klerksdorp, Transvaa
Allan, William C., M.A., min., Par. Ch., Bradfor
Allardice, Wm. C., M.D., C.M., N.S. Infirm., Stoke on-Trent
Allardyce, John M., M.A., missionary, Pekin
Allen, Robt. H., M.B., C.M., 10 Berlin ter., P'shield
Allen, Wm., M.B., C.M., 4 Castelnan gds., Lond
Allen, William B., M.B., 104 Peel ter., Glasgow
Allen, William E. L., M.B., C.M., Hawkshead Ambleside
Allison, Alexander, M.D., Loanhead, Midlothia
Allison, James, min., 308 Main st., Alexandria
Allison, John D., LL.B., writer., Cartvale, Paisle
Almond, Hely H., LL.D., teacher, N.Esk Lodge Musselburgh
Alpine, George, B.D., minister, Dumbarton
Alston, Andrew, minister, Carluke
Alston, And., LL.B., law clerk, U.P. Manse, Carluk
Alston, James, M.B., Ch.B., 11 Sutherland st. Dowanhill
Alston, James M., M.D., Airdrie
Anderson, Agnes J. (Mrs. John MacLaren), M.B., C.M., Oughtibridge, near Sheffield
Anderson, Alex., M.A., min. Scotch Church, Carlisle
Anderson, Alexander R., M.A., tch., 16 Warrende park crescent, Edinburgh
Anderson, Miss Annie K., M.B., C.M., 13 Waverley gardens, Glasgow
Anderson, Arch., M.A., stu., Post Office, Dalmally
Anderson, Arthur R., M.B., C.M., 2 Wood street, Partick
Anderson, David, minister, Ceres, Fife
Anderson, David M., B.L., H.M. Col. Serv., Ellenmount, Newport, Fife
Anderson, Francis, M.A., professor, Sydney
Anderson, Geo., B.D., min., 264 Renfrew st., Glas.
Anderson, Harry C., M.B., C.M., 17 Octavia cot., Greenock
Anderson, Henry, minister, Partick
Anderson, Hugh S., M.A., student, 34 Burnbank gardens, Glasgow
Anderson, Jas., M.A., tch., Cummertrees, Annan
Anderson, Jas., M.B., Poulton-le-Fylde, Lancashire
Anderson, James F., M.A., writer, 137 St. Vincent street, Glasgow
Anderson, Jas. H., manuf., St. John's Wood, Lond.
Anderson, James R., M.D., Eskbank, Canonbie
Anderson, James Wallace, M.D., C.M., 23 Woodside place, Glasgow
Anderson, John, B.D., min., 72 Montgomery st., Kelvinside
Anderson, John, M.D., 1 New Cross rd., Lond., S.E.
Anderson, John, M.B., C.M., 5 Stanley st., Glasgow
Anderson, John, M.B., C.M., 8 Whitehill st., Glas.
Anderson, John, M.A., M.B., C.M., 6 Whitehill gardens, Glasgow
Anderson, John, M.A., prob., 1 Alford pl., Aberd.
Anderson, John A., M.D., C.M., Stranraer
Anderson, John B. M., M.A., M.B., C.M., 42 Lansdowne crescent, Glasgow
Anderson, John G., M.B., C.M., 9 Balmoral cres., Glasgow
Anderson, John J. S., M.B., C.M., Early Braes, Shettleston
Anderson, Jn. L., M.B. C.M., 183 Renfrew st., Glas.
Anderson, John W., M.A., M.B., Barrow-in-Furness

Anderson, Jonathan, writer, 140 Hope st., Glasgow
Anderson, Jonathan R., B.L., law-clerk, 131 W. Princes street, Glasgow
Anderson, Matthew S., M.A., M.D., C.M., Glengarnock, Kilbirnie
Anderson, Robert, M.D., C.M., 2 Oxford place, Shettleston
Anderson, Robert, minister, Kilsyth
Anderson, Robt. C., M.A., min., Greengairs, Airdrie
Anderson, Robert H., manufacturer, St. John's Wood, London
Anderson, Robt. P. R., M.A., stu., 112 High st., Dumbarton
Anderson, Robert S. G., B.D., prob., Ontario
Anderson, Sam., B.Sc., M.B., C.M., I.M.S., Punjaub
Anderson, Thomas A. H., M.A., B.L., writer, 14 Eton place, Glasgow
Anderson, Thomas M'Call, M.D., professor, 2 Woodside terrace, Glasgow
Anderson, Thomas P., M.B., C.M., 17 Hamilton terrace, Partick
Anderson, Thomas R., LL.B., student, 12 Brighton place, Govan
Anderson, William, LL.B., writer, 8 Westbourne gardens, Glasgow
Anderson, William, minister, Fettercairn
Anderson, Wm., J.P., 2 Strathearn pl., Edinburgh
Anderson, William, minister, Boyndie, Banff
Anderson, William, M.B., C.M., 12 Sandwell mansions, London, N.W.
Anderson, William C., M.A., B.Sc., University assistant, Mavisbank, Partickhill
Anderson, Wm. H., M.B., C.M., Harleston, Suffolk
Anderson, Wm. S., M.D., C.M., Chapel-en-le-Frith
Andrew, Alexr., M.B., C.M., Barrow-on-Humber
Andrew, Alex., M.A., tch., 131 George st., Paisley
Andrew, Alexr., min., 5 Clarendon pl., Stirling
Andrew, Jas., M.B., C.M., National Bk., Coatbridge
Andrew, Jas. G., M.B., C.M., 13 Walmer crescent, Glasgow.
Andrew, Robert, M.A., minister, Walls, Lerwick
Andrew, Robert, B.D., minister, Glengarnock
Andrew, Wm. S., M.A., tch. Carriden Sch., Bo'ness
Angus, Robert, missionary, Chryston
Angus, Thos., M.B., C.M., 8 Bentinck st., Galston
Annan, Archibald J., B.L., writer, 112 W. Regent street, Glasgow
Appleton, Henry, M.D., C.M., 22 Lower Seymour street, London, W.
Arbuckle, John H., M.D., C.M., Kilmarnock
Armour, Matthew, minister, Sanday, Orkney
Armstrong, Geo. C., M.D., Blackrock, Dublin
Armstrong, Hugh, B.D., minister, Winchburgh
Armstrong, Thos., M.B., C.M., 5 Kelvinside ter., N., Glasgow
Armstrong, Wm. A. A., M.A., minister, 74 South Street, Reading
Armstrong, Wm. B., M.B., C.M., Burnbrae, R'glen
Arnot, Thomas, writer, 9 W. Regent st., Glasgow
Arnott, Hugh Y., B.D., min., Newburgh, Fife
Arnott, James, M.D., C.M., surgeon-major, 45 Pall Mall, London
Arnott, John, M.A., min., F. So. Manse, Stirling
Arrol, Charles, M.D., C.M., Bankstown, Sheerness
Arroll, Walter, M.A., stud., 18 Markland tr., Glas.
Arthur, Adam Niven, teacher, Dunoon
Arthur, David, M.D., C.M., Greenhead house, New Galloway
Arthur, Hugh, M.D., C.M., Fruitfield, Airdrie
Arthur, James, M.A., teacher, Largs
Arthur, John Findlay, M.D., C.S.I., New Cumnock
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Walker, Archibald, minister, Row
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Wallace, Edw. H., M.A., I.C.S., North Arcot, M'dras
Wallace, Edw. J., M.D., C.M., Holmbush, Southsea
Wallace, Geo. P., B.D., miss., Constantinople
Wallace, Herbert K., B.Sc., M.B., C.M., Hamilton
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White, Malcolm, M.A., minister, Blairgowrie
White, Matthew, B.D., min., Skirling, Biggar
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Williams, George, M.D., Dingle, co. Derry
Williams, Hy. W., M.B., C.M., Gowan brae, Cr'hill
Williams, Leon., M.B., C.M., Hillsdon, Sidmouth
Williams, Llewellyn W., B.Sc., C.E., The Linn, Cathcart
Williams, Rich. R., M.A., stud., Trem Hyfryd, Dolgelly
Williams, Walter E., M.B., C.M., Portmadoc, Wales
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Williamson, Walter, writer, Beith
Williamson, Wm. J., M.A., min., Banagher, Derry
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Wilson, Andrew, M.B., C.M., 1 Lendel ter., Glas.
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Wilson, Alex. S., M.A., B.Sc., min., N. Queensferry
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Wilson, And. C., B.Sc., M.B., C.M., Av., Johnstone
Wilson, Charles, M.D., 2 Market square, Crewe
Wilson, Charles, M.B., C.M., U.P. manse, Drymen
Wilson, Daniel, minister, Borrowstownness
Wilson, David, M.A., D.Sc., Carbeth, Killearn
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Wilson, James, minister, Dundee
Wilson, James L., M.B., C.M., Wellfield, Duns
Wilson, James, M.A., minister, Broughty-Ferry
Wilson, James, M.A., S.J., St. Helier, Jersey

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Wilson, Jas. P., M.B., C.M., Infirmary, Dumfries
Wilson, James S., M.B., Auchingilsie, Cumnock
Wilson, James S., M.D., C.M., Walsall
Wilson, John, M.A., minister, Abernyte
Wilson, John, M.A., minister, Methven
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Wotherspoon, William L., min., Kilspindie, Errol
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Young, Hugh C. T., M.D., C.M., Paisley
Young, James, M.A., tch., South Schoolho., Biggar
Young, James, M.D., C.M., Redbourn, Herts
Young, James, minister, Dyrock, Prestwick
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Yuille, Geo. S., B.D., prob., Roslyn, Bothwell
Yuille, James, minister, Peterhead

Zahm, Frank B., B.Sc., naval arch., New York
Zinkeisen, Wm., B.Sc., mine manager, Cali, Colombia
Zuill, John, M.A., M.B., C.M., Kincardine-on-F'th
Zuill, Robert, M.B., C.M., Carnock. Dunfermline

APPENDIX II.

EXTRA-ACADEMICAL TEACHING.

N.B.—Every application for recognition must be accompanied by a payment to the University Factors, Messrs. Hill & Hoggan, 194 Ingram Street, Glasgow, of a fee of £5 5s., to be placed to the credit of a fund for defraying the cost of investigation by experts of the fitness of the teacher applying, and of the accommodation, apparatus, and teaching appliances at the disposal of the teacher.

The following regulations for the recognition of Extra-Academical Teaching under Ordinances Nos. 14, 12, and 23, were adopted by the University Court on 14th June, 1894 :—

IN THE CASE OF INDIVIDUAL EXTRA-ACADEMICAL TEACHERS.

I. Every application shall be made to the Secretary of the University Court and shall supply the following information :—

(*a*) The registrable or other qualification or qualifications of the applicant.

(*b*) A statement of his opportunities of studying the subject and the length of time devoted thereto.

(*c*) A statement of his experience in teaching the subject.

(*d*) A note of any of his published articles or works on the subject.

(*e*) The appointments which he holds as a teacher of the subject in which he requests recognition, and a statement whether the course for which recognition is sought has previously been conducted by him, and if so, for how long. If the applicant is a teacher in a Medical School, College of Science, or other similar Institution, the most recent issue of the Calendar of such School, College, or Institution, should be forwarded.

(*f*) The number of meetings to which the course extends, whether each meeting is for one hour or longer, and a statement of the proportion of the course to be devoted to lectures, practical demonstrations, examinations and tutorial work. In the case of a practical course, information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the teacher for whom recognition is sought, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects treated in the course and of the books proposed for the use of students should also be sent in every case.

(*g*) The hour or hours at which the course is conducted.
(*h*) The accommodation, apparatus, and teaching appliances provided for the class.
(*i*) The teaching or examining bodies which have recognized his course.

II. In the case of an applicant conducting courses in Glasgow or its neighbourhood an inspection shall be made of his accommodation and appliances for teaching.

III. Every Extra-Academic Teacher in Glasgow whose course has been recognized under Ordinance No. 12 or Ordinance No. 14 shall, at the commencement of each session, call the attention of his whole class to the provisions of the Ordinance as to enrolment and payment of fee at the University by all students who desire afterwards to graduate there; he shall also call attention to the University requirements as to preliminary examination (more stringent in the case of medical students than the minimum required by the General Medical Council); and shall advise any students looking forward to a University degree to procure from the Matriculation Office a copy of the syllabus of regulations applicable to their course.

IV. Every recognized Extra-Academical Teacher shall annually within one month of the close of the session furnish the University Court with a return of

(*a*) The number of students who have attended the recognized course or courses, in such manner as to qualify *pro tanto* for graduation in the University of Glasgow.
(*b*) Any change that may have been made in the accommodation or appliances provided.
(*c*) A statement showing, for the year next ensuing, the number of meetings to which the course extends, whether each meeting is for one hour or longer, and the proportion of the course to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of a practical course information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether, or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the recognized teacher, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects to be treated in the course, and of the books proposed for the use of students, should also be sent.

V. The certificate of attendance granted by Extra-Academical Teachers should in all cases state the number of lectures or meetings for practical instruction in the course, the number of occasions on which the student was present, the fee charged, and bear that the student has duly performed the work of the class.

VI. Every candidate not being a matriculated student attending the course of an Extra-Academical Teacher in Glasgow, recognized for the purposes of graduation in Medicine or Pure Science, must at the commencement of each year enrol his name in a book kept at the University for that purpose, paying a fee of the same amount as the matriculation fee, and having in respect thereof a right to the use of the University Library. (Ord. No. 14, § VIII. 5 ; Ord. No. 12, § V.)

VII. The fee for attendance for the purposes of graduation on the courses of instruction of an Extra-Academical Teacher in Glasgow shall not be less than the fee for the corresponding University Class. (Ord. No. 14, § VIII. 6 ; Ord. No. 12, § IV. 2 ; Ord. No. 23, § IV. 2.)

VIII. The Court will not in any case recognize for the purposes of graduation in Medicine the course of any teacher who teaches at the same time more than one of the subjects, except where the applicant is a professor or teacher of any endowed public college or institution, who, by the terms of his appointment, is required to teach more than one of the subjects, and in that case recognition can be granted in one subject only. (Ord. No. 14, § VIII. 7.)

IX. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

X. The recognition of any teacher who fails to furnish the information required in terms of Regulation IV., or a sufficient explanation relative to such failure, or who has ceased for the period of two consecutive sessions to teach the subject in which he is recognized, shall *ipso facto* terminate.

IN THE CASE OF SCHOOLS OR INSTITUTIONS.

I. Every application shall be made to the Secretary of the University Court, and shall supply the following information :—

(*a*) A statement of the number of teachers and a detailed syllabus of the curriculum courses proposed to be given, or, in the case of practical classes, information of a similar kind.

(*b*) The number and duration of lectures proposed to be given and the number of examinations, whether written or oral, deemed necessary, or in the case of a practical class, information of a similar kind. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

(*c*) The hours of lectures.

(*d*) The teaching or examining bodies which have already recognized the curriculum or certificate of the school or institution making application.

(*e*) A statement as to the accommodation, apparatus, and appliances at the disposal of the teachers in the school or institution making application.

(*f*) A note of the fees proposed to be charged.

II. The Court shall, if it thinks fit, cause an inspection to be made of the accommodation, apparatus, and teaching appliances provided by the school or institution making application.

III. Every recognized school or institution shall annually within one month of the close of the session furnish the University Court with a return of (*a*) The number of students who have attended the recognized school or institution in such manner as to qualify *pro tanto* for graduation in the University.

(*b*) Any change that may have been made in the accommodation or appliances provided.

(*c*) A statement showing, for the year next ensuing, the number of meetings to which the courses extend, whether each meeting is for one hour or longer, and the proportion of the courses to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of practical courses information should be given as to the manner of conducting them, the number of examinations, oral or written, and whether, or to what extent, lectures or tutorial work form part of the courses. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

IV. The certificates of attendance granted by recognized schools or institutions should in all cases state the number of lectures or meetings for practical instruction in the courses, the number of occasions on which the student was present, the fees charged, and bear that the student has duly performed the work of the classes.

V. The fees for attendance for the purposes of graduation on the courses of instruction in a recognized school or institution shall not be less than the fees for the corresponding University classes. (Ord. No. 14, § VIII. 6; Ord. No. 12, § IV. 2; Ord. No. 23, § IV. 2.)

VI. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

LIST OF EXTRA-ACADEMICAL TEACHERS.

List of Extra-Academical Teachers recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commissioners (1858 and 1889), the names of those who are recognized for Graduation in Science being printed in *italics*.

2 Oct., 1867,	Stevenson Macadam, Ph.D., Edin.,	*Chemistry.*
19 April, 1876,	Dr. James Gow Black, Otago,	*Chemistry.*
,,	Miller Coughtrey, M.B., Otago,	*Anatomy.*
7 Nov., 1876,	John Dougall, M.D., Glasgow,	*Materia Medica.*
,,	James Stirton, M.D., Glasgow,	*Midwifery.*
12 Sept., 1877,	A. M. Buchanan, M.D., Glasgow,	*Anatomy.*
21 Dec., 1880,	William Craig, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	J. O. Affleck, M.D., Edinburgh,	*Practice of Medicine.*
,,	John Barlow, M.D., Glasgow,	*Physiology.*
,,	Samson Gemmell, M.D., Glasgow,	*Practice of Medicine.*

24 May, 1881,	Byrom Bramwell, M.D., Edin.,	*Practice of Medicine.*
22 July, 1885,	James J. Dobbie, M.A., D.Sc., University Coll., Bangor,	*Chemistry.*
,,	Reginald W. Phillips, B.A., B.Sc., University Coll., Bangor,	*Botany.*
28 April, 1886,	A. Smithells, B.Sc., Yorkshire College, Leeds,	*Chemistry.*
4 Oct., 1887,	Claud M. Thompson, University College, Cardiff,	*Chemistry.*
,,	W. Newton Parker, University College, Cardiff,	*Zoology.*
27 Feb., 1890,	James Robertson Watson, M.A., Glasgow,	*Chemistry and Practical Chemistry.*
,,	Alex. Robertson, M.D., Glasgow,	*Practice of Medicine.*
,,	Philip J. White, M.B., University College, Bangor,	*Zoology.*
5 Jan., 1892,	B. C. A. Windle, M.D., Queen's Coll., Birmingham,	*Anatomy.*
,,	F. J. Allen, M.A., M.B., C.M., Mason Science Coll., Birmingham,	*Physiology.*
,,	T. W. Bridge, M.A., Mason Science Coll., Birmingham,	*Zoology.*
28 April, 1892,	James Swanson, M.A., M.B., C.M., St. Mungo's Coll., Glasgow,	*Botany.*
23 Feb., 1893,	*James Blyth, M.A.*, Technical College, Glasgow,	*Physics.*
,,	J. W. Carr, M.A., University College, Nottingham,	*Botany.*
27 April, 1893,	*G. G. Henderson, D.Sc.*, Technical College, Glasgow,	*Chemistry.*
,,	A. Gray, M.A., LL.D., University College, Bangor,	*Physics.*
,,	J. H. Poynting, D.Sc., Mason College, Birmingham,	*Physics.*
20 July, 1893,	J. Berry Haycraft, M.D., University College, Cardiff,	*Physiology.*
9 Nov., 1893,	J. A. Thomson, M.A., Edinburgh,	*Zoology.*
,,	A. P. Aitken, D.Sc., Edinburgh,	*Chemistry.*
,,	J. F. King, Edinburgh,	*Chemistry.*
,,	W. I. Macadam, Edinburgh,	*Chemistry.*
,,	J. B. Readman, D.Sc., Edinburgh,	*Practical Chemistry.*
,,	D. N. Paton, M.D., Edinburgh,	*Physiology and Practical Physiology.*
,,	A. Bruce, M.D., Edinburgh,	*Pathology and Practical Pathology.*
,,	F. W. N. Haultain, M.D., Edinbro',	*Midwifery.*
,,	R. M. Murray, M.B., Edinburgh,	*Midwifery.*
,,	G. A. Gibson, M.D., Edinburgh,	*Practice of Medicine.*
,,	R. W. Philip, M.D., Edinburgh,	*Practice of Medicine.*
,,	W. Husband, M.D., Edinburgh,	*Vaccination.*

14 Nov., 1893,	R. B. Ness, M.A., M.B., Anderson's College, Glasgow,	*Materia Medica and Therapeutics, and Practical Pharmacy.*
,,	Dawson Turner, M.D., Edinburgh,	*Physics.*
8 Feb., 1894,	J. W. B. Hodsdon, M.D., Edinbro',	*Surgery.*
,,	H. E. Clark, M.R.C.S., Glasgow,	*Surgery.*
,,	*Andrew Jamieson, M.I.C.E.*, Technical College, Glasgow,	*Electrical Engineering.*
8 Mar., 1894,	John M. Brown, M.B., C.M., Edin.,	*Anatomy and Practical Anatomy.*
,,	John S. M'Laren, M.B., C.M., Edinburgh,	*Surgery.*
,,	Robert T. Kent, M.A., F.R.C.S., St. Mungo's College, Glasgow,	*Anatomy.*
14 June, 1894,	George T. Beatson, M.D., Glasgow,	*Surgery.*
,,	Francis M. Caird, M.B., C.M., Edinburgh,	*Surgery.*
,,	Alexander James, M.D., School of Medicine, Edinburgh,	*Practice of Medicine.*
,,	A. N. M'Alpine, Minto House, Edinburgh,	*Botany.*
,,	William Russell, M.D., School of Medicine, Edinburgh,	*Pathology and Practical Pathology.*
,,	Henry Alexis Thomson, M.D., Minto House, Edinburgh,	*Surgery.*
2 Aug., 1894,	George B. Todd, M.B., C.M., Anderson's College, Glasgow,	*Zoology.*
,,	John Hardie, M.B., C.M., F.R.C.S.E., Edinburgh School of Medicine,	*Anatomy and Practical Anatomy.*
,,	Percy F. Frankland, Ph.D., B.Sc., F.R.S., Mason Coll., Birming.,	*Chemistry.*
13 Dec., 1894,	*F. G. Ogilvie, M.A., B.Sc.*, Heriot Watt College, Edinburgh,	*Mechanics.*
,,	*R. Stanfield, A.R.S.M., A.M. Inst. C.E.*, Heriot Watt Coll., Edin.,	*Mechanical Engineering.*
,,	*John Gibson, Ph.D.*, Heriot Watt College, Edinburgh,	*Chemistry and Chemical Laboratory.*
14 Feb., 1895,	A. H. Trow, B.Sc., University College, Cardiff,	*Botany.*
,,	A. B. Robertson, F.C.S., Coatbridge Technical School and Mining College,	*Chemistry.*
,,	Malcolm Laurie, B.A., D.Sc., F.R.S.E., St. Mungo's College, Glasgow,	*Zoology.*
14 Nov., 1895,	Robert Turnbull, B.Sc., New School of Medicine, Edinburgh,	*Botany.*
12 Dec., 1895,	Peter Bennett, Anderson's College Medical School, Glasgow,	*Physics.*

12 Dec., 1895,	T. K. Dalziel, M.B., Anderson's College Medical School, Glas.,	*Surgery.*
9 Jan., 1896,	Charles Workman, M.D., Royal Infirmary, Glasgow,	*Pathology and Practical Pathology.*
18 June, 1896,	John Edgar, M.A., B.Sc., M.B., Anderson's College Medical School, Glasgow,	*Midwifery.*
,,	R. M. Buchanan, M.B., C.M., Anderson's College Medical School, Glasgow,	*Medical Jurisprudence.*
,,	*George A. Gibson, M.A.*, Technical College, Glasgow,	*Mathematics.*
9 July, 1896,	*Alexander MacLay, B.Sc., C.E.*, Technical College, Glasgow, -	*Engineering Drawing and Design.*
12 Nov., 1896,	John Lindsay Steven, M.D., Glasgow,	*Practice of Medicine.*
,,	*Francis G. Baily, M.A.*, Heriot Watt College, Edinburgh,	*Physics and Electrical Engineering.*
11 Mar., 1897,	A. Campbell Clark, M.D., St. Mungo's College, Glasgow, and Lanark District Asylum, Hartwood,	*Mental Diseases.*
6 May, 1897,	Richard J. A. Berry, M.D., F.R.C.S.E., New School of Medicine, Edinburgh,	*Anatomy.*
14 June, 1898,	John Carswell, L.F.P.S.G., L.R.C.P.E., Anderson's College Medical School, Glasgow,	*Mental Diseases.*
,,	J. R. Whitaker, M.B., Surgeon's Hall, Edinburgh,	*Anatomy and Practical Anatomy.*

And the ordinary Physicians and Surgeons of any General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of Physicians and Surgeons. (See Ordinance No. 14, Section VII. (5).)

LIST OF INSTITUTIONS OR SCHOOLS.

List of Schools or Institutions recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Law, in terms of Ordinances of the Universities Commission (1889).

14 Nov., 1895, London School of Medicine for Women, in respect of the following courses: *Chemistry (Systematic and Practical), Anatomy (Systematic and Practical), Physiology (Systematic and Practical), Practical Pharmacy, Practical Pathology, Medical Jurisprudence and Public Health, Clinical Surgery, Clinical Medicine, Practical Midwifery, Mental Diseases, Out-Practice or Dispensary and Vaccination.*

23 Mar., 1896, OWEN'S COLLEGE, MANCHESTER.

,, UNIVERSITY OF NEW ZEALAND. If a candidate for the First Professional Examination in this University has obtained a Degree in Science or in Arts in the University of New Zealand, granted after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, such candidate is exempted from the examination in such subject or subjects. (Ordinance No. 54, Section IV.)

23 July, 1896. UNIVERSITIES OF OXFORD, CAMBRIDGE, AND DUBLIN, AND THE FOUR INNS OF COURT, LONDON. The above are recognized for the purposes of Graduation in Law under Ordinance No. 39 [General No. 11.—Regulations for the Degree of Bachelor of Laws (LL.B.)] and subject to Section II. thereof.

11 Mar., 1897, GLASGOW EYE INFIRMARY.

APPENDIX III.

UNIVERSITY SOCIETIES.

GLASGOW UNIVERSITY UNION.

At a Meeting of Students and Graduates, held on the 14th day of February, 1885, it was unanimously resolved to establish a Glasgow University Union. A sum sufficient to erect a building for this purpose having been offered to the Senate by JOHN M'INTYRE, Esq., M.D., Odiham, Hampshire, and the Senate having accepted this gift, Articles of Constitution were drawn up by a Committee of Students and Graduates, and received the approval of the Senate, the Donor, and of the Students' Representative Council. A further sum of £12,000 was raised by the Union Bazaar of 1889, and devoted to furnishing and endowing the building. In 1893, to meet the increasing membership, the building was largely extended at a cost of £2800. The Union is governed by a Board of Directors, appointed by the Committee of Management which is elected annually at the General Meeting of the Members.

Objects.—The objects of the Union are to provide Students with the comforts and conveniences of a Social Club, to hold Debates, and to form a centre to which the various University Societies may be affiliated. The Buildings comprise a Debating Hall, a Dining Hall, Reading and News Rooms, Billiard and Smoking Rooms, Committee Rooms, Lavatories, etc.

Membership.—The Members of the Union are Ordinary Members or Life Members.

Ordinary membership of the Union is open to all matriculated Students and all former Students of the University, and all Medical Students of

Glasgow whose names are enrolled in the Extra-mural Album of the University, on payment of an Annual Subscription of Five Shillings. Students may join for the summer session only, on payment of Three Shillings.

All matriculated Students and former Students of the University may, on payment of the sum of Three Pounds Three Shillings, become Life Members of the Union.

President—William F. Smillie.
Vice-President—Prof. Coats, M.D.
Hon. Secretary—George F. Buchan, The Union.
Hon. Treasurer—Allan F. Baird.
Assistant Secretary and Treasurer—David Shannon.
Librarian—Ivy M'Kenzie, M.A.
Convener of Games Committee—F. R. Stewart, M.A.

Board of Directors—The Office-bearers; James J. MacLehose, M.A., and A. J. Fleming, LL.B. (former students); A. G. M'Kendrick and W. A. Burns (students).

Former Presidents of the Union.

1890.	John H. Harley, M.A.
1890–91.	Robert G. Bell, M.B.
1891–92.	John Paterson, M.A., M.B.
1892–93.	F. A. Macquisten, B.L.
1893–94.	Joshua Ferguson, M.A., M.B.
1894–95.	Joshua Ferguson, M.A., M.B.
1895-96.	Rev. J. A. Stokes Little, M.A.
1896-97.	W. Craig Henderson, M.A., B.Sc. (resigned Oct., 1896).
1896-97.	A. M. Scott, M.A.
1897-98.	John C. Monteith, M.A.

THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all Students attending the Divinity Hall of the University; but all matriculated Students in faculties other than the Faculty of Divinity are eligible for extraordinary membership.

Honorary President—Rev. Prof. Paterson, D.D., Aberdeen University.
President—Donald Macleod, M.A.
Vice-President—Dugald Clark, M.A.
Secretary—W. W. Fulton, M.A., 43 Gibson Street, Hillhead.
Treasurer—William L. Levack.

Committee.

John A. MacCormick, M.A.
David Preston, M.A.
William Thomson.
John Dods, B.A.

(With two students of the first year in Divinity to be elected in November.)

MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations, Lantern and Microscopic Demonstrations, and Debates.

All Medical Students and Medical Men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of One Shilling and Sixpence.

Meetings of the Society are held in the Union Buildings every Friday Evening during the Winter Session, at 7 o'clock.

Office-Bearers for 1898-99.
Honorary President—Thomas Reid, M.D., LL.D.
President—D. S. Harvey. *Vice-President*—William Webster.
Demonstrator—E. P. Cathcart.

Secretaries.
Corresponding—James Davidson, M.A., The Union.
Minute—Matthew Aikman, M.A.
Treasurer—T. W. Wilson. *Librarian*—Thomas Richmond.

Committee.

James Scott, M.A.
Arthur Robin.
W. B. I. Pollock.
James Millar, M.A.
W. A. Milne.
W. A. Masson.
W. N. W. Watson.
Andrew Kerr.

(With two Students of the first year in Medicine to be elected in November.)

Books are given out at weekly meetings, or during the week on written application.

DIALECTIC SOCIETY.

The Society meets weekly during the Session for the discussion of Literary, Philosophical, and Political subjects.

All matriculated Students are eligible for Ordinary Membership, which is obtained by payment of the Annual Subscription of One Shilling.

Honorary President.
Richard Lodge, M.A., Professor of History.
President—R. R. Williams, M.A.

Vice-Presidents.
Senior—James M. Black. *Junior*—J. R. M'Intosh.

Secretaries.
Senior—R. H. Begg, The Union. *Junior*—J. C. Bringan.
Treasurer—J. J. Ross, B.A. *Macer*—G. D. Turner.

General Board.

Joseph H. Menzies, M.A.
J. C. Monteith, M.A.
Thomas A. H. Jones.
Charles La Torre.
C. H. Dyer.
Ivy M'Kenzie, M.A.
J. L. Wark, M.A.
Hyam Goodman, M.A.

GLASGOW UNIVERSITY ORIENTAL SOCIETY.

(Instituted 1880.)

The object of the Society is the study of the languages and literatures of the East.

All Students of Oriental languages are eligible for election to the membership.

The Society meets twice a year—in the months of April and October.

Office-Bearers.
President—Rev. Professor James Robertson, D.D.
Vice-President—Mr. R. B. Pattie, B.D.
Corresponding Secretary—Rev. James Young, B.D.
Recording Secretary—Rev. George Anderson, B.D.
Treasurer—Rev. Robert Gardner, B.D.

GLASGOW UNIVERSITY ALEXANDRIAN SOCIETY.

This Society was formed in January, 1887. It has for its chief object the discussion of questions connected with the Literatures of Ancient Greece and Rome. The membership is open to Members of the University. Any distinguished Scholar or any Member of the University of five years' standing, or any person officially connected with the University, is eligible for Honorary Membership.

Office-Bearers.

Honorary Presidents.
Professor G. G. Ramsay, LL.D. | Professor G. G. A. Murray, M.A.
Professor A. C. Bradley, M.A.
President—George Macdonald, M.A.
Vice-Presidents—John Brown, M.A., and William Fulton.
Secretary—C. G. M'Ilravey, 61 Belville Street, Greenock.
Treasurer—G. H. Stevenson.

Committee.

W. A. Edward.
James Faulds.
D. L. Blair, M.A.
John J. Gemmell.
Miss L. P. Johnston.
Miss J. Spens.

GLASGOW UNIVERSITY PHILOSOPHICAL SOCIETY.
(Instituted 1887.)

This Society was instituted for the promotion of Philosophical Discussion and Investigation. It meets on Wednesday Evenings at Eight o'clock during the Winter Session, in the Union. Ordinary Membership is open to all Students who have attended or are attending Philosophical Classes in any University. The annual subscription is one shilling for those who are members of the Union, and one shilling and sixpence for those who are not.

Office-Bearers for Session 1898-99.
Honorary Presidents.
Principal Caird, } *Ex Officiis.*
Professor A. C. Bradley, } *Ex Officiis.*
Professor Jones, } *Ex Officiis.*
Professor Adamson, } *Ex Officiis.*
Professor J. S. M'Kenzie, M.A.

President—Archibald Main.
Vice-President—H. R. Buchanan.
Secretary—A. B. Mackay, 24 Willowbank Street.
Treasurer—Alex. Montgomerie.

Members of Committee.

Miss Mabel Atkinson.	Thomas Jones.
G. D. Turner.	M. Babington.

James Faulds.

GLASGOW UNIVERSITY ENGINEERING SOCIETY.

(Instituted 1891.)

The objects of this Society are the promotion of the study of Engineering and the diffusion of Engineering information among the members, by the reading of papers, by discussions, by visits to Engineering works in progress, and by such other means as the Society shall approve.

The membership is open to all past and present Students of the University.

Office-Bearers for Session 1898-99.

Honorary President Professor J. Harvard Biles, M. Council I.N.A.
Honorary Vice-President—Professor Archibald Barr, D.Sc., M. Inst. C.E.
President—J. D. Cormack, B.Sc.

Vice-Presidents.

Engineering—	*Naval Architecture*—
Harold D. Jackson.	J. Moir Dickson.

Hon. Secretaries— Campbell Houston, 50 Dumbreck Road, Dumbreck.
David A. Keith, The Union.
Treasurer—W. G. Strang, 8 Kyle Park, Uddingston.

Committee.

Engineering—	*Naval Architecture*—
Lewis A. Smart.	C. S. Douglas.
J. Adam.	G. Howson.
J. G. Henderson.	

GLASGOW UNIVERSITY PHYSICAL SOCIETY.

This Society was founded in 1884 "for the discussion of scientific subjects in general, and the diffusion of scientific information among its members, by special communications, and any other means which the Society may from time to time approve."

Meetings are held at regular intervals during the Winter Session, usually on every alternate Friday at 8 P.M. The syllabus for the year is issued in autumn, and may be had from the Secretary after the commencement of the Winter Session.

All past and present students of the University who are interested in Physical Science are eligible for membership. The subscription for the ensuing year has been fixed at One Shilling.

The Office-Bearers are :—

Honorary President—Lord Kelvin, G.C.V.O., F.R.S.
President—J. T. Bottomley, M.A., D.Sc., F.R.S., F.C.S.

Vice-President—W. R. Lang, B.Sc., F.C.S.
Secretary—R. J. T. Bell.
Treasurer—W. Craig Henderson, M.A., B.Sc.

Letters should be addressed to the Secretary of the Society at the Physical Laboratory.

GLASGOW UNIVERSITY ECONOMIC SOCIETY.

The object of the Society is the promotion of the study of Economics amongst its members by means of essays and debates. Membership is open to all past and present students of the University, and to such others as shall be formally introduced. The meetings will probably be held in the Union at 8 o'clock every Thursday evening during the winter session.

Honorary President—Professor Wm. Smart, LL.D., D.Phil.
President—R. A. Burr, M.A.
Vice-President—Malcolm MacLucas,
Secretary—Alex. Macdonald, 12 Broomhill Drive, Partick.
Treasurer—A. W. Wilson.

GLASGOW UNIVERSITY MISSIONARY SOCIETY.

(Instituted 1821.)

Office-Bearers for 1898-99.

Honorary President—Rev. Pearson M'Adam Muir, D.D.
President—James D. Mitchell, M.A.
Vice-President—James M'David.
Superintendents of Home Missions—Dugald Clark, M.A.
W. L. Levack.
Senior Secretary—J. A. C. Mackellar, M.A., 461 St. Vincent Street, Glasgow.
Junior Secretary—Andrew J. M. Bryson, 256 Allison Street, Govanhill.
Librarian—John Dods, B.A.
Treasurers—Joseph Campbell.
Robert Nelson, M.A.

Members of Committee.

From Theology—	*From Arts*—
Duncan Cameron, M.A.	William Thomson.
David F. Liddle, M.A.	William Robertson.
David Preston, M.A.	A. P. S. Tulloch.
Robert Aitken, M.A.	Robert Pryde.

Representatives from First Year Theology, and from Medicine and Law to be appointed in October.

GLASGOW UNIVERSITY CHRISTIAN ASSOCIATION.

The object of this Society is the promotion of religious life and fellowship in the University.

The headquarters of the Association are at 22 Bank Street, where there are carried on a weekly Fellowship meeting and daily Prayer meetings. Other features of the work are :—The issue of a Handbook at the beginning of each winter session to all new students, Bible reading circles, deputations to Evangelistic meetings. The weekly meeting is held on Thursday at 3 P.M.

Office-Bearers.

Hon. President—Prof. Sir William T. Gairdner, K.C.B., M.D., LL.D.
Hon. Vice-President—Robert Scott, M.B., Ch.B.
President—Gordon B. Nielson.
Vice-President—Archibald Main.
General Secretary—Thomas R. Rodger, The Union.
Deputation Secretary—Frank A. Innes, M.A.
Bible-circle Secretary—William G. Rodger.
Treasurer—George T. Maclean, M.A.

Committee.

Thomas Jones.
G. D. Reith.
H. H. Robertson.
David Sandler.
W. M. Tait.
R. R. Williams, M.A.

THE FABIAN SOCIETY—GLASGOW UNIVERSITY BRANCH.

(Established March, 1896.)

The Fabian Society consists of Socialists. Members of the University interested in social reform, but unable to subscribe to the Fabian basis, may become associates and enjoy the full privileges of membership, except the right to vote and to hold office, on payment of the ordinary subscription of Two Shillings.

Officers for Session 1898-99.

Honorary President—Sidney Ball, M.A., Oxford.
President—William Boyd, M.A.
Vice-President—Mabel Atkinson.
Secretary—S. H. Turner, 10 Possil Road, Glasgow.
Treasurer—A. MacMillan.
Librarian—J. Reid, M.A.

Committee.

Isabella Blacklock, M.A.
Thomas Jones.
Robert M'Laurin.
John Orr.

GLASGOW UNIVERSITY TOTAL ABSTINENCE SOCIETY.

The object of this Society is to unite the abstaining students in the University, and to promote the cause of Total Abstinence. This work it accomplishes among the students by means of lectures, sermons, etc., while, outside the University, it carries on a successful Temperance Mission Work.

Office-Bearers for 1898-99.

Honorary President—Professor G. G. A. Murray, M.A.

Honorary Vice-Presidents.

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W. Snodgrass, M.A., M.B., C.M.
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President—Matthew Aikman, M.A.

Vice-President—Miss E. H. Smith.

Secretary—T. Paterson, Kimberley Villa, Dunoon.

Treasurer—R. T. Wells.

Committee.

Arts—
- Alex. Laurie.
- G. D. Turner.
- H. Robertson.
- D. D. M'Dougall, M.A.

Divinity—
- R. R. Williams, M.A.

Medicine—
- G. White.
- C. C. Cuthbert, M.A.
- G. T. Maclean, M.A.

From Queen Margaret College—Misses Granger, J. M'Ilroy, M'Lean, Auld.

GLASGOW UNIVERSITY OSSIANIC SOCIETY.

(Instituted 1828.)

The object of the Society is the discussion of subjects bearing on the language, literature, and customs of the Highlands. It meets in the Union on Saturday evenings at seven during the winter session. The business of the Society is conducted in Gaelic at every alternate meeting. Ordinary membership is open to all students, both men and women, interested in the Highlands.

Office-Bearers for Session 1898-99.

Honorary President—Magnus Maclean, M.A., D.Sc., F.R.S.E.

President—John A. MacCormick, M.A.

Vice-President—Neil MacColl.

Secretary—Archibald Anderson, M.A.

Assistant-Secretary—Hugh S. Maclean.

Treasurer—Norman R. Mitchell.

Bard—Neil Ross, M.A.

Representative to Union—William L. Levack.

Members of Committee.

Miss Hutton.
Miss Pickering.
Andrew Macfarlane, M.A.
Angus J. Morrison, M.A.
Wm. A. Gillies.

Other two members to be elected from first and second years' Arts in November.

GLASGOW UNIVERSITY FREE CHURCH STUDENTS' CELTIC SOCIETY.

This Society was instituted in 1864. All Free Church students connected with or interested in the Highlands are eligible for ordinary membership. It meets in one of the Free Church College Class-rooms every Friday evening during the Session for the discussion of various subjects, chiefly literary and political. At two of the meetings the business is conducted in Gaelic.

Office-Bearers for 1898-99.

Honorary President—Magnus M'Lean, M.A., D.Sc., F.R.S.E.
President—Alex. M'Leod, M.A.
Vice-President—Angus M'Iver.
Secretary—W. S. Sutherland.
Treasurer —D. C. Gollan.

Directors.

John Macaskill.
John Gracie.
John M'Lellan.
Alex. M'Leish.
John D. M'Callum.

GLASGOW UNIVERSITY UNITED PRESBYTERIAN STUDENTS' SOCIETY.

Honorary President—Rev. W. R. Thomson, B.D.
President—John Copeland.
Vice-President—George Galbraith.
Secretary—Hugh Watt, Knocklandside, Kilmaurs.
Treasurer—Alexander Lawrie.

Committee.

W. Robertson, W. S. Rutherford, Alex. M. Allan, Andrew H. Whitelaw, and another to be elected in November.

This Society meets every Saturday at 10 a.m., in the Hall of Woodlands Road U.P. Church.

The objects of the Society are the promotion of social intercourse and the furtherance of moral and intellectual culture among its members.

All Students attending the University in any Faculty, who are connected with the United Presbyterian Church, are eligible for membership, which is obtained by the payment of the annual subscription of One Shilling. Students not connected with the United Presbyterian Church may become Associates.

GLASGOW UNIVERSITY ATHLETIC CLUB.

Honorary President—Professor Adamson, LL.D.
President—D. S. Harvey.
Vice-President—K. O. Macleod.
Secretary and Treasurer—Donald C. Cameron, M.A., 200 Bath Street, Glasgow.

General Committee (including Office-Bearers).

John Lunn.	E. W. Milne.
R. Donald.	G. D. Turner.
F. R. Stewart, M.A.	And office-bearers.

Sub-Committees.

Rugby Football.	*Tennis.*
H. Black.	A. Steel.
R. Lunan.	H. Lamond.
K. O. Macleod.	H. C. Cameron.
G. D. Turner, Students' Union, *Hon. Sec.*	J. D. Campbell, 142 St. Vincent Street, *Hon. Sec.*

Fives.

W. H. Lang, B.Sc., M.B.	A. T. Ross.
E. S. Chapman.	G. D. Turner.
E. W. Milne.	H. S. Minto, Students' Union, *Hon. Sec.*
C. J. Wright.	

Golf.

Professor Lodge.	P. A. Steven, Students' Union, *Hon. Sec.*
W. W. Gillan, M.A.	
J. D. Cormack, B.Sc.	

The object of the Club is the promotion of all forms of Athletic exercise. The Membership is confined to present and past Students of the University. The affairs of the Club are managed by a General Committee and Sub-Committees, one for each form of Athletic exercise. The General Committee are entrusted with the management of all matters concerning the Field, Pavilion, Annual Games, etc. The Sub-Committees are entrusted with the arrangements for each special form of exercise, subject always to the approval of the General Committee. The Annual Subscription to the Club is 2s. 6d., with a further Subscription for each form of exercise. None but Members of the Club are entitled to play any game under charge of any Sub-Committee.

The Annual General Meeting is held on the first Friday in November. Special Meetings are held when required.

GLASGOW UNIVERSITY ASSOCIATION FOOTBALL CLUB.

Office-Bearers for 1898-99.

Honorary President—Professor Adamson.
President—John Stewart, M.A.
Secretary—William Stratton, University Union.
Treasurer—George M'Kinnon, University Union.

Committee.

John Muir.	Frank Lochrane.

William A. Edwards.
Captain—Allan H. Muir.
Vice-Captain—William Crerar.

GLASGOW UNIVERSITY RIFLE CLUB.

President—The Very Rev. Principal Caird, D.D., LL.D.
Vice-Presidents—Professor Murray and Colonel James A. Reid.
Team Captain—T. Eaton Robinson (Major 1st Lanark R.V.),
285 George Street, Glasgow.
Vice-Captain—R. Carswell (Captain 1st Lanark R.V.).
Secretary and Treasurer—John Coats, 160 Hope Street, Glasgow
(Captain 3rd V.B.H.L.I.).

Committee—A. H. Donald (Hon. Major 1st L.R.V.), T. W. Cuthbertson, M.A. (Captain 4th V.B.S.R.), J. Campbell (Captain 3rd V.B.A. and S.H.), J. C. Paterson, S. M. Sloan, M.B., and George Douglas.

Its objects shall be to promote rifle shooting among students and ex-students of Glasgow University, and to provide the means of having Glasgow University well represented in the annual match for the Inter-University Trophy.

All students and ex-students of Glasgow University shall be eligible as Patrons and Ordinary Members. All persons officially connected with the University shall be eligible as Patrons. Both classes of Members may take part in the competitions.

All persons, eligible as above, subscribing 10s. or upwards annually, shall be *ipso facto* Patrons. The subscription for Ordinary Members shall be 5s. for ex-students, and 2s. 6d. for present students, all payable by 1st March annually. These annual subscriptions may be commuted by a present payment of £3 3s., entitling the person paying to become a Life Patron.

THE UNIVERSITY CLUB, GLASGOW, 202 BATH STREET.

The Club is instituted for the association of gentlemen connected with the universities of the United Kingdom or with foreign universities.

The following persons are eligible for admission into the Club as ordinary members:—(1) Graduates and *alumni* of any recognized university in the United Kingdom or abroad ; (2) Professors, and persons holding any honorary office in connection with a university ; (3) Persons who, though not possessed of any of the above qualifications, have, in the judgment of the Committee, other equivalent qualifications ; and (4) Persons without University qualification, not exceeding in number one-third of the membership.

The entry-money is £3 3s., and the annual subscription for a member having a residence or place of business within five miles of Glasgow Royal Exchange, is £3 3s., and for a member having neither a residence nor place of business within that distance, £1 11s. 6d. Graduates or *alumni* of two years' standing are admitted free of entry-money, if joining within a year of graduation or leaving College.

Members joining on and after 1st July in any year pay one-half subscription for that year, and on and after 1st December members are admitted for the succeeding year, having the use of the Club during December in addition.

Committee for 1898.

Professor Joseph Coats, M.D., *Chairman of the Club.*
Charles E. Beckett, LL.B.
J. H. Nicoll, M.B., C.M.
George S. Middleton, M.D.
James Fleming, LL.B.
Thomas Binnie, Jun., M.A.
R. E. Smith, C.A.
James Hinshelwood, M.D.
Alan D. Ker.
Walter W. Blackie, B.Sc.
Hugh Hutcheson, B.L.
Charles J. MacLean.
A. G. Moore, M.A., B.Sc.
T. M. Morrison, M.A.
Stuart Foulis.
W. R. Jack, M.D.
Andrew Rutherford, B.D.
Hinton S. Myers.
J. A. Brown.
J. Munro Kerr, M.B., C.M.
George Beilby.

Secretary and Treasurer—Thomas M. Stewart, LL.B., 173 St. Vincent Street, Glasgow.

Full particulars as to membership, etc., may be obtained on application to the Secretary.

GLASGOW UNIVERSITY CLUB, LONDON.

The objects of the Club are to maintain good fellowship among its members and to promote the interests of the University of Glasgow and of higher education in connection therewith.

Graduates, and all who are or have been students of the University of Glasgow, or officially connected with it, are eligible for membership.

Office-Bearers for 1898-99.

President—Lord Kelvin, G.C.V.O., F.R.S., D.C.L., LL.D.

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Lord Lister, D.C.L., *P*.R.S.
Professor Jack, LL.D.
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Norman M. MacLehose, Esq., M.B., C.M., 13 Queen Anne Street, Cavendish Square, W.
James M. Dodds, Esq., M.A., Dover House, Whitehall, S.W.

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